MINH, LE DUC

IT Portfolio Manager - Digital Transformation Delivery Manager

Ho Chi Minh, Vietnam - (+84)898980592 (WhatsApp/Zalo)

leminhjohnson@gmail.com - https://www.linkedin.com/in/leminhjs/

A highly accomplished IT leader with 12+ years of progressive experience driving significant outcomes in program management, engineering management, business development, and digital transformation. Possessing a strong track record of delivering complex, high-value projects on time and within budget, building and mentoring high-performing technical teams, and consistently exceeding strategic business objectives.

Seeking a challenging and impactful opportunity to leverage extensive expertise in:

- **Program Management:** Expert in leading cross-functional teams throughout all phases of project lifecycles, ensuring strategic resource allocation, proactive risk mitigation, and consistent adherence to project governance frameworks.
- **Engineering Management:** Proven ability to build, guide, and mentor high-performing engineering teams, championing the adoption of industry best practices, optimizing engineering workflows for enhanced productivity, and fostering a culture of innovation.
- **Business & Strategy Development:** Skilled in analyzing evolving market trends, formulating actionable growth strategies aligned with organizational objectives, and securing strategic partnerships to expand market reach and achieve sustainable competitive advantage.
- **Digital Transformation:** Proven success in spearheading transformative digital initiatives, identifying and adopting cutting-edge technologies, and driving comprehensive process improvements that enhance operational efficiency, customer experience, and overall business agility.

An adaptable, results-oriented, and continuous learner with exceptional communication and interpersonal skills enabling seamless collaboration with diverse teams and stakeholders. Open to relocation for the right opportunity. Vietnam citizen requiring visa sponsorship.

Core Accomplishments:

- **Digital Transformation Leadership:** Drove enterprise-level digital transformation initiatives for global clients, orchestrating seamless project execution across diverse industries. Delivered 54+ innovative web and mobile applications, achieving significant improvements in user engagement, revenue generation, and client ROI.
- **Data Platform Architecture and Migration:** Spearheaded the end-to-end development and migration of complex Customer Data Platforms (CDP) and Unified Data Platforms (UDP), resulting in enhanced data integration, accessibility, and quality. Successfully delivered Vietnam's largest CDP transformation, fostering collaboration among cross-functional teams. Managed and executed complex data migrations of ADLS/ADF pipelines and Oracle ingestion projects, bolstering data platform capabilities and unifying data sources for enhanced analytics.
- **Blockchain Solution Innovation:** Pioneered and implemented cutting-edge blockchain solutions, including decentralized exchange (DEX) trading platforms and Non-Fungible Token (NFT) marketplaces, facilitating secure and transparent financial transactions for clients.
- **Strategic Technology Change Management:** Effectively directed and managed complex technology change initiatives across diverse cloud-based solutions (SaaS, IaaS, PaaS), encompassing SAP ECC, BW, CX Ingestion, Databricks AI/BI transformation, Power BI, and Google Looker Studio.
- **Agile and Waterfall Methodologies:** Effectively navigated complex projects by leveraging both Agile and Waterfall methodologies, optimizing workflows to deliver on time and within budget with high success rates. Oversaw the entire software development lifecycle (SDLC) from concept to deployment, incorporating stringent quality control measures.
- **Stakeholder Alignment and Engagement:** Demonstrated expertise in building strong stakeholder relationships by fostering open communication and proactively addressing their needs and concerns.

Skills and Impact:

- **Proactive Risk Management:** Diligently identified, assessed, and mitigated potential project risks, ensuring financial stability and optimal project ROI.
- **Technical and Business Translation:** Adeptly communicated complex technical concepts to business stakeholders, facilitating informed decision-making at all levels.
- **Collaborative Team Leadership:** Demonstrated success in cultivating a collaborative and high-performance work environment, empowering teams to achieve extraordinary results.

EXPERIENCE

DEC, 2024 TO PRESENT
DELIVERY MANAGER, RESIDENT SOLUTION ARCHITECT, PRINCIPLE CONSULTANT, TECHNICAL PROJECT MANAGER (SAFE RTE)
DATABRICKS X CELEBAL TECHNOLOGY X MICROSOFT
Job Type: Contractor, Remote, Onsite

- Spearheaded digital strategy initiatives, including large-scale digital transformation and strategic leadership for global clients, ensuring seamless project execution across multiple industries.
- Led the end-to-end development and migration of Customer Data Platforms (CDP) and Unified Data Platforms (UDP), driving significant improvements in data integration and accessibility.
- Directed complex technology change management processes, focusing on SaaS, IaaS, and PaaS solutions such as SAP ECC, BW, CX Ingestion, Databricks AI/BI transformation with Power BI, and Google Looker Studio.
- Managed major migrations including ADLS and ADF pipelines and Oracle ingestion projects to enhance platform capabilities and unify data sources effectively.
- Designed innovative system solutions while overseeing the full software development lifecycle (SDLC), successfully implementing Waterfall and Agile methodologies to optimize delivery efficiency.
- Delivered Vietnam's largest CDP transformation by collaborating with cross-functional teams and aligning technical solutions with client goals.
- Cultivated strong stakeholder engagement through clear communication strategies and ensured alignment across various teams for smooth project completion.
- Continuously monitored system performance post-deployment, identifying critical areas for improvement while implementing updates to maintain operational excellence.

JUL, 2024 TO PRESENT

SYSTEM DEVELOPMENT MANAGER

AEON FINANCIAL SERVICE CO., LTD; ACS VIETNAM

Job Type: Labor Contract

AFS, and ACS are members of **AEON Groups** – one of the leading retailers in Japan with more than 168 subsidiaries operating throughout Asia.

Duties:

- Currently serving as the System Development Manager at ACS, AFS,
- Lead the design and implementation of innovative system solutions.
- Collaborate with cross-functional teams to gather requirements and ensure the successful delivery of projects.
- Manage the full software development lifecycle, from planning and design to testing and deployment.
- Implement waterfall/agile methodologies to improve development efficiency and project delivery timelines.
- Ensure adherence to quality standards and best practices in system development.
- Foster a collaborative and productive work environment, promoting teamwork and knowledge sharing.
- Continuously monitor and evaluate system performance, identifying areas for improvement and implementing necessary enhancements.

Skills:

- **Digital Strategy - Digital Transformation - Strategic Leadership**
- **System Development Methodology**
- **Loyalty Program - Finance and Trading Transformation**
- **Technology Change Management**
- **Stakeholder Engagement and Management**
- **Large Scale Change Management**

SEP, 2023 – MAR, 2024

APAC IT PROJECT MANAGER

ABBOTT LABORATORIES GMBH

Job Type Contractor

- Led APAC IT innovation on key projects, driving business results and exceeding expectations (e.g., DSpot platform for streamlined communication and risk mitigation).
- Managed service provider Deloitte China, ensuring smooth project execution and contributing strategic ideas for efficiency and risk reduction.
- Collaborated cross-functionally to deliver successful IT solutions aligned with APAC strategy and global goals.
- Fostered collaboration and knowledge sharing across regional and global teams through active participation in key Abbott events.
- Maintained effective communication, providing clear and regular updates on project progress, risks, and opportunities to regional management, ensuring transparency and accountability.
- Maintained accurate documentation and reporting throughout the project lifecycle, demonstrating professionalism and attention to detail.

APR, 2023 – SEP, 2023

GLOBAL IT CONSULTANT

CONFIDENTIAL PARTIES

Job Type: Contractor - Freelance Consulting (Remote) - 2023

Highlights:

- Successfully consulted projects for top global consulting firms (TMAP, KPMG, McKinsey & Company).
- Provided strategic expertise across diverse industries, including automotive, technology, and financial services.
- Effectively collaborated with cross-functional teams and stakeholders to navigate complex business challenges.
- Leveraged strong analytical and problem-solving skills to develop and implement impactful solutions.

Project Examples:

- **TMAP (Toyota Motor Asia Pacific) -** Top Execution Consultant (May - Aug 2023)
- **KPMG -** IT Software Consultant (Jun - Aug 2023)
- **McKinsey & Company -** Digital Banking Strategy Consultant (Aug - Sep 2023):

JUN, 2022– FEB, 2023

CO-FOUNDER & PROGRAM DIRECTOR (B2B).

WELUPS (DUBAI, UAE)

Job Type: Blockchain Leader & Co-founder

- **WELUPS:** Led program direction, co-founded the pioneering identity blockchain platform (TRON-based), and empowered individuals with data ownership through Landfiex (NFT real estate exchange).
- **Impact:** Secured major partnerships, facilitated $6,8M in transactions, and positioned WELUPS as a leading identity network.

JAN, 2021– SEP, 2022

CHIEF INFORMATION TECHNOLOGY OFFICER

ASIA FOCUS GROUP – SINGAPORE

Job Type: [Service Consulting Contract - Part time]

Consulting & Ecosystem Roadmap Architect:

- Led **AFG ecosystem platform roadmap development**, driving strategic direction and ensuring alignment with client goals.
- **Provided expert guidance as a virtual CTO:** Defined platform architecture, designed smart contracts, and oversaw IT vendor management.
- **Delivered successful platform implementations:** Contributed to the launch of [list platform names: Consentium.net, Exonium.one, BigDataProtocol.com, FocusGroup.asia].

APR, 2021– MAY, 2022
HEAD OF PMO & TMO

SOVICO GROUP [HDBANK - GALAXYONE]
Job Type: [Labour Contract]
Transformation & Management Officer | HDBank (Oct 2021 - May 2022)
- Pioneered the new TMO department at HDBank, a key strategic unit.
- Managed and drove 29 critical IT projects, including:
  - Digital customer journey transformation (SME, SMB, Digital Onboarding)
  - NeoBank development
  - Risk control & self-assessment
- **Established TMO operations:** Defined workflows, recruited talent, researched industry best practices.
- **Developed & implemented:** Training materials, project charters, and tools management system for department heads.
- **Drove strategic initiatives:** Led change management, process improvement, and project delivery.
- **Ensured executive alignment:** Prepared reports, delivered project management training, and presented updates to CEO and division heads.

Head of PMO | GalaxyOne (Mar 2021 - Sep 2021)
- Led **PMO operations**, managing technical & business perspectives, driving profitable projects, and achieving seat targets.
- **Delivered successful flagship projects:**
  - https://quyvacxincovid19.gov.vn/: COVID-19 Vaccination Platform
  - https://vietnamkhoemanh.vn/: Healthy Vietnam Platform
  - G1 Loyalty Platform (VietjetAir, PhuLong, HDBS, HDBank, HDSaison)
  - G1 Agent Platform
  - G1 ERP for Sovico Group
- **Owned project lifecycles:** Conducted business analysis, defined product charters, timelines, WBS, set goals/milestones.
- **Collaborated effectively:** Partnered with Head of Engineering, Solution & Technical Architects to ensure strong technical underpinnings.
- **Optimized processes:** Streamlined release cycles, reviewed and improved product quality through KPI monitoring.
- **Aligning departments:** Collaborated with all departments to ensure centralized goals and mission alignment.

SEP, 2020 – APR, 2021
OFFSHORE DEVELOPMENT CENTER PMO

.NFQ ASIA - 8BIT ROCKSTARS
Job Type: (Part-time)Offshore Development Center (ODC) Management & IT Consultant
Led and optimized Offshore Development Center (ODC) projects, ensuring effective resource allocation and successful deliveries.
- **Provided expert IT software consulting and pre-sale support**, driving client engagement and project feasibility assessments.
- **Championed Project Management culture**, leveraging PMP® expertise (2021) to improve team processes and efficiency.

JUL, 2020 – JUL, 2022
CHIEF TECHNOLOGY OFFICER
INAPPS TECHNOLOGY - HO CHI MINH CITY, VIETNAM
Job Type: [Self-start-up, Co-founder, Board membership]
Our services:

1. Custom Mobile App Development
2. Custom Web App Development
3. UI/Creative UX/UI Design service
4. Offshore Development Center
5. IT Staffing Augmentation Service
6. QA and QC Service

We work across the entire lifecycle of taking an idea to market with ideation, validation, product strategy, engineering, ongoing maintenance, and growth. We partner with Startups and SMEs as well as enterprises globally to help them solve their toughest challenges, mitigate the risks and bring their great ideas to life.

We have developed world-beating apps for clients from the USA, Australia, Singapore, and Europe". InApps has been trusted by clients with great rankings on:

• GoodFirms - Ranked 2st of "Top Software Development Companies in Vietnam 2019"
• Clutch - Ranked 2rd of "Top App Firms in Vietnam 2019"

JUL, 2020 – JUL, 2022
CHIEF INFORMATION OFFICER – NEETEK
OMANEE CORPORATION - SINGAPORE, INDIA & UAE
Job Type: Part-time CIO | OMANEE (Singapore & Dubai)
- Spearheaded OMANEE's transformation into WELUPS, driving the evolution of the OMA+ platform, a cornerstone for financial activities and investment opportunities.
- Leveraged blockchain expertise to increase investment options, streamlining processes, and enhancing platform features.
- **Delivered key results:**
  o Expanded investment opportunities by 20% through strategic partnerships and platform enhancements.
  o Boosted platform efficiency by 15% through process optimization and automation.
  o Improved user experience and engagement through [mention specific features or functionalities enhancements].

Impact: My leadership role in integrating blockchain technology facilitated OMANEE's successful transition towards a secure and scalable financial future.

OCT, 2019 – JUL, 2020
CHIEF TECHNOLOGY OFFICER & CHIEF EXECUTIVE OFFICER
MEEYLAND GROUP
Job Type: [Labour Contract - Onsite]
Head of Global Market Growth | MeeyInvest Global, Singapore (E-wallet)
- Spearheaded 30% growth in MeeyInvest's global investor base, driving significant revenue and brand expansion.
- Oversaw the NASDAQ listing prototype, laying the groundwork for future public market access.
- Conceptualized and implemented strategies to attract and retain a diversified portfolio of global investment funds.

Chief Technology Officer & Product Architect | MeeyLand JSC, Hanoi, Vietnam
- Led the vision and execution of MeeyLand's PropTech ecosystem, including flagship platforms like Meeyland (real estate), MeeyInvest (crypto), and MeeyID (data management).
- Delivered a 25% reduction in operational costs through strategic technology infrastructure optimization.
- Projects:
  - https://**meeyland**.com/- RealEstate trading platform (Protech)
  - https://**meeyinvest**.com/ - Crypto investment platform (Fintech)
  - https://**meeyid**.com/ - Centralized Data Management, SSO...
  - https://**meeymap**.com/ - Planning Map checking for Brokers, Traders
  - https://**meeycrm**.com/ - Special tool for Brokers and their distributed data.
  - http://**meeypage**.com/ - Fast-building landing page for brokers
  - https://**meeyads**.com/ - Best tool for properties SEO advertising.

MAY, 2019 – JAN, 2020
CHIEF INFORMATION TECHNOLOGY OFFICER
ECOWORLD INC, VIETNAM
Job Type: [Service Contract - Onsite]
Blockchain Architect & Strategist - Ecoworld Inc. (Dubai & Remote)
Empowering the Vietnamese IT industry through cutting-edge Blockchain solutions.
Key Achievements:
- **Designed and developed Ecoworld's comprehensive Blockchain ecosystem**, including Eco-GO platform, EcoID user management, EcoWallet currency, EcoPay payment gateway, EcoPoint sharing economy app, and more. (Presented full vision at Burj Khalifa Tower: http://bit.ly/MinhCTO)
- **Spearheaded a custom crypto solution to boost Vietnamese tech capabilities**, enhancing security, transparency, and efficiency within the industry.
- **Built a strong presence as a thought leader in the global IT sphere,** actively sharing knowledge and fostering connections through presentations, conferences, and industry events.

MAY, 2019 – JAN, 2020
PROJECT MANAGEMENT OFFICER LEAD
AMI DENTAL – KOREA
Job Type: [Service Contract - Onsite]
- **IT Project Lead | Korean Dental Clinic & Factories (AMI)**
- **Led the development of 7 high-tech MVP proposal projects.**

JUL, 2018 – JUN, 2019
ENGINEERING MANAGER - PROGRAMS MANAGER
TTEK GLOBAL INC. - BARBADOS, CANADA
Job Type: [Service Contract - Onsite]
1. Software Engineering Manager:
- **Headline: Senior Software Engineering Manager | Leading High-Impact Government Projects**
- **Focus:** Leading & motivating teams, delivering successful projects, technical expertise.
- **Content:** Led cross-functional software engineering teams in Vietnam (D2 & D7) to deliver critical IT solutions for international government clients (Dubai, Dominican Republic, Mexico). Managed the software development lifecycle from concept to implementation, ensuring projects met stringent government security and performance requirements. Cultivated high-performing teams by fostering collaboration, continuous learning, and technical excellence. Successfully delivered confidential projects involving customs & border systems, risk management platforms, and advanced surveillance technology. Maintained direct communication with government stakeholders, ensuring alignment with project goals and business objectives.

2. Program Manager:
- **Headline: Senior Program Manager | Delivering Complex Software Solutions for International Governments**
- **Focus:** Project management expertise, execution & delivery, stakeholder relationships.
- **Content:** Owned the entire software development lifecycle for high-impact projects for international government clients (Dubai, Dominican Republic, Mexico). Managed project budgets, timelines, resources, and risks to ensure successful delivery on time and within budget. Led cross-functional teams in Vietnam (D2 & D7) with exceptional communication and negotiation skills. Collaborated with key stakeholders across government departments and technical teams to align project goals with business objectives. Managed confidential projects involving customs & border systems, risk management platforms, and advanced surveillance technology.

3. Projects:
- Customs and Border projects;
- Risk Management System;
- Invisible Customs System;
- RIISE;
- Mexican Risk Management

SEP, 2017 – JUL, 2018
SOFTWARE PRODUCT LINE MANAGER
ZIMI TECH INC., MANILA – PHILIPPINES
Job Type: Service Contract
Software Product Line Manager (Gaming & Data Analytics)
- Spearheaded the establishment of Vietnam R&D headquarters, building a high-performing team from scratch.
- Managed and developed internal software projects for online gaming services, user data analysis, and prediction.
- Delivered key projects including GRAVITYIO, PINNACLE, and ASIANODDS88, driving significant business growth.
- Led recruitment and talent management, fostering a collaborative and innovative R&D environment.
- Leveraged expertise in real-time data scraping and analytics to enhance platform performance and optimize user experience.

JAN, 2017 – SEP, 2018
TECHNICAL MANAGER - SCRUM MASTER
SOXES GMBH (SWITZERLAND)
Job Type: Service Contract
Client-Centric Technical Manager & Scrum Master (Agile Projects)
- **Transformed client ideas into high-quality software solutions**, bridging technical expertise with user needs.
- **Delivered impactful projects for diverse clients**:
  - **Developed cutting-edge wearables technology**, including Android Wear 2.0 APIs, sensors integration, and prototyping.
  - **Enhanced efficiency and functionality for a Web2py framework in Python**, through maintenance and seamless new feature integration.
  - **Pioneered a WGC Arbitrage Project for a Bitcoin exchange**, leveraging blockchain technology for innovative financial solutions.
- **Led agile teams using Scrum methodology**, promoting collaboration, transparency, and rapid delivery.
- **Empowered teams to achieve optimal performance** through effective coaching, communication, and problem-solving strategies.

JAN, 2015 – MAY, 2017
GOOGLE - ANDROID DEVELOPER
GOOGLE DEVELOPER GROUP, GOOGLE INC.
Job Type: [Service Contract], [Part-time Contract], [Remote]
Freelance Android Developer - Google Services Specialist
- Leveraged Google skills and expertise to support promising startups remotely through freelance projects.
- Applied Google technologies in various projects.
- Contributed to the growth and success of startups by building and optimizing engaging Android apps.
- **Google Certified Android Developer,** with proven ability to deliver high-quality mobile experiences (mention any hackathon or DevFest accomplishments if relevant).

MAR, 2012 – MAY, 2015
MICROSOFT PARTNER
MICROSOFT VIETNAM
Microsoft Tech Elite Partner & MVP Award Recipient (2014)

- Leveraged my expertise to contribute to the Microsoft Tech Elite Partner program globally.
- Participated in exclusive technical workshops, enhancing my skills and knowledge base.
- Earned recognition for my contributions and impact as a Microsoft Most Valuable Professional (MVP) in 2014.
- Demonstrated ongoing commitment to staying at the forefront of Microsoft technologies and solutions.

EDUCATION

1. **MBA OF STRATEGIC LEADERSHIP,** QUANTIC SCHOOL OF BUSINESS AND TECHNOLOGY.
2. **BACHELOR OF COMPUTER SCIENCE,** UNIVERSITY OF EDUCATION, HCMC.
3. **BACHELOR OF BUSINESS ADMINISTRATION,** UNIVERSITY OF ECONOMICS, HCMC.
4. **PROJECT MANAGEMENT PROFESSIONAL,** PMI
5. **AWS SOLUTIONS ARCHITECT,** AMAZON WEB SERVICES (AWS).
6. **GOOGLE DIGITAL 4.0,** GOOGLE'S GROW.
7. **PROFESSIONAL CLOUD ARCHITECT,** GOOGLE CLOUD.

SKILLS

1. **ITC PROJECT/PROGRAM MANAGEMENT:**

Agile, Scrum, Kanban, SAFe (Scaled Agile Framework), LeSS (Large-Scale Scrum), RTE (Release Train Engineer), ART (Agile Release Train), PRINCE2, Lean Six Sigma. Experience managing projects involving multiple technological integrations across different business units.

2. **SOLUTION DESIGN & DEVELOPMENT:**

Experienced in the design and development of effective solutions requiring coordination across different fields.

3. **DIGITAL TRANSFORMATION:**

Proficient in guiding business through technological shifts, connecting digital advancements with company strategic goals.

4. **CHANGE MANAGEMENT**

Expertise in leading, driving and executing cross field strategic plans and programs.

5. **KEY_COMPETENCIES:**
   - **Leadership & Team Management:**
     - Proven ability in cross-functional team supervision, fostering collaboration and driving results across diverse departments.
     - Expertise in team building, mentoring, and developing high-performing technical teams.
   - **Client & Stakeholder Engagement:**
     - Strong client relations skills, including needs assessment, solution presentation, and ongoing relationship management.
     - Experience in developing and delivering compelling presentations to both technical and non-technical audiences.
   - **Strategic Planning & Execution:**
     - Proficient in business and IT software planning, aligning technology initiatives with organizational goals.
     - Demonstrated ability to analyze requirements, define project scope, and create detailed project schedules with Work Breakdown Structures (WBS).
   - **Technical Project Management:**
     - Expertise in managing system migrations, integrations, and custom software development projects.
     - Experience in managing project from start to finish, scheduling, breakdown and, workflow of the structure
   - **Solution Delivery & Support:**
     - Experience with custom mobile, and Wearable device development, including application, and software..
     - Database evaluation, design, and implementation expertise.
     - Vendor management, including selection, negotiation, and performance oversight.
     - Comprehensive experience in software testing, QA, rollout, and ongoing user support.

#TECHNOLOGY_STACK & TOOLS

- *Expert in full-stack development, project management, data engineering, AI/ML, and cloud solutions. Proven ability to rapidly acquire new skills and adapt.*
  1. **Project Management:** Jira, Confluence, Monday.com, Asana, MS Project, Trello
  2. **Collaboration:** Slack, Microsoft Teams, Zoom, Telegram, WhatsApp, Discord
  3. **AI & ML Platforms:** ChatGPT, Bard, Gemini, LaMDA, Botsify
  4. **Operating Systems:** Windows, Linux (Ubuntu, CentOS, Debian, Red Hat), macOS, DOS
  5. **Virtualization & Cloud:**
     - *VMware:* vSphere, ESXi, Workstation
     - *Cloud:* AWS (EC2, S3, Lambda, API Gateway, *etc.*), Azure (ADF, ADLS, Databricks, Functions, *etc.*), GCP (Compute Engine, Cloud Storage, Cloud Functions, *etc.*)
     - *VPN:* Site-to-Site, OpenVPN
  6. **Enterprise Resource Planning (ERP):**
     - *SAP:* S/4HANA, Ariba Network, SuccessFactors, ECC, BW, CX, BTP – Modules: *MM, PP, IM, CRM, FI, CO, QM*
     - *Odoo:* Sales, Purchase, Inventory
     - *Oracle EBS:* Financials, Supply Chain, HRMS, CRM
  7. **Programming Languages:**
     - *Backend:* Java, C#, C, NodeJS, Python
     - *Frontend:* JavaScript, TypeScript
     - *Blockchain:* Solidity, Rust (Solana)
  8. **Web Frameworks:**
     * *Frontend* VueJS *(Quasar)*, ReactJS
     * *Backend (NodeJS):* Express.js
     - **Package Management**: npm, yarn
  9. **Mobile Development:** Flutter, React Native
  10. **Databases:**
      - *Relational:* MySQL, PostgreSQL, SQL Server, Oracle
      - *NoSQL:* MongoDB, Redis, Cassandra
  11. **API Development & Management:**
      - *Gateways:* Kong, WSO2, Apigee
      - *Design:* RESTful APIs, GraphQL
  12. **DevOps & CI/CD:**
      - *Version Control:* Git (GitHub, GitLab, Bitbucket)
      - *CI/CD Pipelines:* GitLab CI, Bamboo, Jenkins, Azure DevOps
      - *Containerization:* Docker, Kubernetes, Docker Compose
  13. **Automated Testing:**
      - *Testing Frameworks:* Robot Framework, Playwright
        - **Web**:Selenium, Cypress, Cucumber
          Unit Testing: JUnit, PyUnit, NUnit (.NET), Jest
        - *Mobile:* Appium, Robotium, UI Automator
        - *API:* Postman, REST-assured
  14. **Data Engineering & Analytics:**
      - *ETL Tools:* Azure Data Factory (ADF), Apache Kafka, Apache NiFi, *Custom Scripting (Python, etc.)*
      - *Data Migration:* AWS DMS, *Custom Scripts (Python, etc.)*
      - *Data Platforms*:
        - Azure Data Lake Storage (ADLS Gen2)
        - **Databricks:** Delta Lake, MLflow, AutoML, Databricks SQL (for BI), Databricks Assistant ("Genie"), **Databricks AI/BI**
        - Snowflake,
        - Amazon Redshift
      - *BI & Data Visualization:* Power BI, Tableau
      - *Big Data Processing:* Apache Spark, Hadoop

#PERSONAL_FAVORITES:

Software development interests:

I am passionate about leveraging technology to solve complex challenges and build innovative solutions. My interests span both software and hardware development, with a strong focus on learning and contributing to cutting-edge advancements. Specifically, I'm enthusiastic about:

- **Software Development & Automation:** Exploring new programming languages, engaging in coding challenges, and developing expertise in modern automation frameworks to streamline workflows and improve efficiency.
- **Data Science & Analytics:** Applying programming skills and statistical/machine learning techniques to extract meaningful insights from data, enabling data-driven decision-making and predictive modeling.
- **Software Security:** Developing and implementing robust security measures, including writing security checks and utilizing vulnerability scanning tools, to safeguard software applications from potential threats.
- **DevOps & Continuous Improvement:** Implementing and optimizing DevOps practices, with a focus on automating deployment processes, infrastructure management, and ensuring the high availability and optimal performance of software applications.
- **Open Source Contribution:** Actively participating in the open-source community to collaborate on impactful projects, learn from experienced developers, and contribute to the collective knowledge base.
- **Wearable Sensor Technology:** Designing and developing advanced wearable sensors, focusing on efficient I/O protocols and optimized architectural designs for data acquisition and processing.
- **Battery Management Systems (BMS):** Designing, developing, and testing Battery Management Systems for various Lithium-ion battery chemistries (Li-po, Li-ion, LiFePO4, LFP) used in electric vehicles, ensuring safe, efficient, and long-lasting battery performance.
- **Over-the-Air (OTA) Firmware Updates:** Implementing and managing OTA firmware update/upgrade packages for electric vehicles, providing a seamless and efficient mechanism for enhancing vehicle performance and features.
- **Blockchain & Cryptocurrency Hardware:** Exploring secure hardware wallet designs and communication protocols to protect digital assets and enable secure cryptocurrency transactions.
- **Battery Technology Research:** Studying emerging battery technologies to improve the lifetime, safety, and performance of batteries
- **PCB Design:** Designing and layout of PCB (Printed Circuit Board) design using design and simulation software for electrical design.
- **Power Electronics Experimentation:** Deep diving in to DIY projects relating to DC Power and the design, building and understanding of DC/DC power converters such as Buck and Boost.
- **Continuous Learning:** Remaining committed to staying at the forefront of technological advancements through continuous learning and exploration of new tools, technologies, and methodologies.