

# SIMPLICIO JISON JR.

**Software Architect / DevOps and  
Microservices Architecture/ C# .NET/Azure  
/AWS/GCE/Umbraco**

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Davao City, Philippines

Skype: sjison

Seasoned technologist experienced with wide-ranging business and technology including product development and cloud computing.

## Work Experience

### Software Architect / DevOps / .NET/Machine Learning

*Exate Technology – UK., – Level 7, 2 Finsbury Avenue Broadgate  
London, United Kingdom.*

Provide software to protect sensitive and data privacy regulations for EU General Data Protection Regulation (GDPR).

August 2018 – Present

- Implementation and Deployment
  - Build, configure infrastructure in AWS and Azure using Terraform, Ansible, Kops, Helm and Kubernetes.
  - Setup Infrastructure for Banks using CentOS and Kubernetes.
  - Implemented Machine Learning for natural language processing
  - Develop ETL Distributed Application using Kubernetes and CentOS.
  - Key participation of the ING fintech village / Fintech Start-up from design to implementation
  - Spear head migration to VSTS and setup and design ci/cd pipeline in VSTS to AWS clusters
  - Migrate legacy application to AWS Kubernetes cluster
  - Angular 6 /MVC Implement Token and claims server for GDPR software.
  - Build Apache Kafka cluster and CDC connectors for ETL.
  - Migrate monolithic application to microservices
  - Implement Identity Server / oAuth for GDPR software.
  - Develop MS Office Excel application for GDPR.
  - Build Apache Kafka cluster and CDC connectors for ETL.

### Software Architect

*SOFTSHIP INC., – Adb Avenue, Ortigas Center Pasig Philippines.*

*A public listed software company with office in Hamburg , Germany,  
USA , Singapore and Philippines.*

April 2018 – June 2018

## Professional Expertise

(Application and Configuration)

### Cloud and DevOps

- AWS/Azure/GCE
- Azure DevOps/CI-CD pipeline
- Ansible/Terraform/Kops/Helm
- Kubernetes / Docker Swarm / Docker/ Containerd

### Machine Learning and AI

- Natural Language Processing
- Stanford NLP
- AWS comprehend
- ML.NET

### Cloud, Distributed Compute, Messaging, Search and Cache

- Apache Kafka / Pulsar
- Apache Nifi
- RabbitMQ /Redis
- Azure Service Bus
- Solr / ELK Stack

### Programming Language, Scripting and Databases

- Golang
- C# .NET / Angular 6-7
- Nodejs / Python
- Java / Scala
- PowerShell / Bash
- Xamarin / Android
- Android Native
- T-SQL MSSQL / Oracle /PL-SQL
- Postgresql /MySQL
- NoSQL/MongoDB/CosmosDB
- Apache Cassandra / ScyllaDB

- Implementation and Deployment
  - Migrate and update legacy application into Domain Driven and Micro Services.
  - Introduce Web Components via Angular2 to support legacy software
  - Implement feature like Solr and Rabbitmq on product ownership software
  - Ensure best practice was implement via software best practice and patterns and unit testing.

## **CTO/ C# .NET/Azure Developer/ Umbraco/Microservices(Kubernetes/Swarm)**

*Accelerate Desk Business Solutions, Inc. – Davao City, Philippines*

April 2009 – December 2017

- Development
  - Migrate and update legacy application into Micro Services and Cloud using Kubernetes, Docker Swarm, .NET Core and Microsoft Azure.
  - Migrate Industry 4.0 products into fully microservices. I provision software via Kops / Terraform to AWS.
- Implementation & Deployment
  - Select or define the company's software development methodology.
  - Establish and supervise the software development process.
  - Establish an application deployment process and supervise deployment to staging and production servers.
  - Developed several ecommerce and cms site using umbraco
- Operational Management
  - Ensure that technology standards and best practices are maintained across the organization.

## **Regional Chief Solution Officer**

*Jairo Solutions Inc. - Victorville, CA USA*

June 2008 – May 2009

- Work closely with customer management to understand the business requirement for the project, developing effective working relationships and ongoing management processes.
- Deliver software for the following industries: eCommerce and Site core CMS

## **Software Engineer**

*Verzone Business Solutions Inc. – Davao City, Philippines*

April 2002 – 2008

- Developed software for various industries like Manufacturing, Retail and shopping malls, Distribution and Human Resource.

## **IT Instructor**

*Genetic Computer Institute– Davao City, Philippines*

## **Operating System and AD**

- Windows AD /Azure AD
- Ubuntu Server / Red Hat Enterprise Linux
- CentOS /CoreOS

## **Software Design Patterns**

- SOLID
- Clean Code
- TDD - Test-driven development

## **Enterprise Application and Integrations**

- ERP - Microsoft Dynamic AX
- Microsoft Dynamics CRM
- QuickBooks Desktop /Online Integration
- Oracle

## **Volunteer and Startup Community**

JUDGE - Angel Hack

JUDGE - Startup Weekend

JUDGE - SpringPH

## **Professional accolades**

Microsoft/ Asian Development Bank, Apps for Asia

<https://www.adb.org/news/apps-asia-winners-featured-adb-annual-meeting>

## **Training**

PMI – Project Management

Oracle DBA

Executive training – South Korea

## **Language**

English - Bilingual

Filipino

June 2000- April 2002

- Conduct programming class and database administration such as Visual FoxPro, Oracle 8i, Database Management System -ORDBMS, Visual C++, Java 2, Visual Basic, PERL/CGI, IIS, Data Structure

## **IT Instructor**

*AMA Computer Learning – Davao City, Philippines*

June 1998- April 1999

- Taught programming subject like C++, Visual Basic, Foxpro ,Perl/Cgi etc.

## **Education**

### **Bachelor of Science in Computer Science**

*AMA Computer University - Davao City, Philippines*

2001 – 2005

- Exemplary Thesis Awardee

### **Computer System Technician**

*AMA Computer Learning -Davao City, Philippines*

1996 - 1998

- Regional Champion - TESDA (Technical Education and Skills Development Authority)
- Academic Scholar