Guhya Eka Wijaya

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Skills & Expertise

JAVA STACK	Java, Spring, Struts2, EJB, Apache Tiles, MyBatis, Maven
PHP STACK	PHP, Symfony2, CodeIgniter, Slim Microframework, Opencart, Wordpress, Doctrine, Twig, Composer
SCRIPTING	Python, JavaScript, VBScript
OTHERS	C, Oracle Pro*c, Android Development,
	IIS, Nginx, Apache, Apache Tomcat, JEUS, Weblogic, Jboss, SVN, Git, Jenkins/Hudson, Redmine, SQL Server, MySQL/MariaDB, Oracle, Tibero, Continuous Integration, Project Management, Amazon AWS , MQTT, Test Driven Development, Multi-Tiered System Design,
	Object Oriented Analysis & Design, Data Modeling, High Availability & Disaster Recovery

Experience

March 2013 - Present

Software Engineer

eWIDEPLUS Corp., Seoul, South Korea

Developing numerous enterprise projects, modeling the data, integrating with legacies and scaling the production system. Working in various programming languages and tech stacks, specializing in Java and Spring Framework. The responsibilities, include but not limited to:
- Picking language & technology stack (framework, server, library)
- Database design and data modeling
- System architecture & coding guide (directory structure, file naming)
- Coding, testing, versioning

March 2011 - March 2013

Researcher

Dongguk University, Seoul, South Korea

Working and researching on the field of Recommender System in Ubiquitous and Collaborative Business Research Lab, Industrial & Systems Engineering, Dongguk University, Seoul, Seoul-South Korea.

November 2010 - January 2011

Web Programmer

KapanLagi.com, Malang, Indonesia

Responsible for prototyping/developing used car online auction (now otosia.com) when the company decide to expand its business beyond the digital media/online tabloid

August 2010 - October 2010

Web Programmer

PT Metro Batavia (Airline), Jakarta, Indonesia

Working with the company partners (hotels) to integrate their reservation with the airline online booking system

Languages

Indonesian   Native

English   Bilingual proficiency

Korean   Limited working proficiency

Arabic   Limited working proficiency

Education

2011 – 2013   **Dongguk University, Seoul, South Korea**

Master of Engineering (M.Eng.)

Full scholarship at Study and Research (SRD) Program at Industrial & System Engineering department

2006 – 2010   **STMIK Asia, Malang, Indonesia**

Bachelor

Informatics Engineering majoring information system

Recent Projects

Developed core banking functionalities (debit card production and distribution, ATM reconciliation & claim management, fraud detection system) to support new Digital Banking for overseas client.

(C, Oracle Pro*C, Enterprise Application Integration)

Developed a corporate accounting system for a bank. The system deals with tens of millions of transaction data daily and it must be able to produce error-free calculation fast.

(Java, SQL, Data Modeling, Batch Execution)

Led a team on developing and integrating financial advisor solution and legacy banking system for overseas client. Back-end system communicates heavily with legacy system which is written in C programming language, whereas the front-end mobile application is built with Ionic framework.

(Java, Ionic, Socket Programming, REST)

Developed a back-end platform for IoT wearable that communicate using MQTT messaging protocol using LoRa network. The data collected by thousands of sensors/devices will be analyzed to determine if a user has abnormal condition based on pre-defined rule and enhanced with AI as the data grows.

 (Java, MQTT Messaging, Rule-Based AI, LoRa Network)

Led back-end team on transforming existing banking application with Java+Spring MVC framework. The new website is hosted in a multi-tiered architecture, with user-facing contents in presentation tier, and business logic and CMS in business tier. This app was originally part of a monolithic system with EJB and struts 2 at the core.

(Java, Struts2, Spring MVC, REST Webservice, Multi-Tiered, JAXB, EJB)

Publication

Hybrid Recommender System with Seasonality, Asia Pacific Industrial and Management System (APIEMS) Conference, Phuket, Thailand, December 2012.