Contact

gatsu2811@yahoo.com

www.linkedin.com/in/ema-fazillah-abu-bakar-20777b86 (LinkedIn)
emafazillah.github.io (Personal)

Top Skills

Java
Java Enterprise Edition
Spring Boot

Languages

Malay (Native or Bilingual)
English (Professional Working)

Ema Fazillah Abu Bakar

A Back-end Developer exploring IoT, Cloud, Microservices and Serverless.
Klang, Selangor, Malaysia

Summary

I am exploring IoT, Cloud, Microservices and Serverless. Machine Learning also interests me.

My Github, https://github.com/emafazillah.
My Google Play marketplace, https://play.google.com/store/apps/developer?id=Ema+Fazillah.
Board of Engineer Malaysia (BEM) Graduate Engineer No. GE47419
Branch Electronic

Experience

RHB Banking Group
Back-end Developer
August 2017 - Present
Kuala Lumpur, Malaysia

October 2018 - Present
Project: RHB Batch and Back-office Management System | Batch and Web app
Skills: Spring Batch (Batch), Spring Boot framework (Back-office), RESTful API (Back-office), Microservices (Back-office), Java 8, Hibernate (Back-office), Maven build, Git source control, JBoss app server, MS SQL database and JIRA for Agile tool.
Role: Developer (Back-end)

August 2017 – October 2018
Project: RHB Motor Insurance Mobile App and Back-office Management System | Android, iOS and Web app
Skills: RESTful API, Microservices, Java 8, Spring Boot framework, Hibernate, JHipster scaffolding, SOAP and payment gateway service integration, Maven build, Git source control, JBoss app server, Oracle 12g database and JIRA for Agile tool.
Role: Developer (Back-end)

HeiTech Padu Berhad
Senior Software Developer
November 2010 - August 2017 (6 years 10 months)
Selangor, Malaysia

August 2016 – August 2017
Project: Clinical Documentation (CD) | IoT and Web app
Skills: Medical devices integration using Raspberry Pi through RS232, USB, TCP/IP and UDP protocols, Java for ARM on Raspberry Pi, AngularJS for front-end, Node.js for back-end, Git source control and MongoDB database.
Role: Developer (Integration and back-end)

March 2016 – August 2016
Project: ClinicLocator Mobile App | Android
Skills: RESTful API, Java 8, RESTEasy framework and JPA for back-end, Native Android for front-end, Maven build for back-end and Gradle for front-end, Git source control, Wildfly 8 app server, MySql 5.5 database and Red Hat Openshift cloud.
Role: Developer (Back-end and front-end)

December 2015 – January 2016
Project: Business Intelligence for Heitech Content Management System and Helpdesk System | Web app
Skills: Pentaho Community Edition, Java 7, Maven build, Tomcat app server, MySql 5.5 database and Linux system administration.
Role: Developer and System Administrator

December 2015 – February 2017
Project: Heitech Content Management System (Walet) | Web app, Android and iOS
Skills: Alfresco SDK, Spring Surf framework, Java 7, JSP, Maven build, Tomcat app server, MySql 5.5 database and Linux system administration.
Role: Developer (Web app) and System Administrator

January 2014 – December 2015
Project: Clinic Management System (H2Care) | Web app
Skills: Java 7, JSF, EJB, JPA, Ant build, SVN source control, Glassfish 3 app server and MySql 5.5. database. Migrate from dedicated server to AWS E2 cloud on August 2017.
Role: Developer and System Administrator

November 2010 – January 2014

Project: Patient Management System for Ministry of Health (Sistem Pengurusan Pesakit V3.0) | Web App

Skills: Java 7, JSP, Struts framework, EJB, Ant build, VSS source control, Glassfish 3 app server and MySql 5.0 database.

Role: Developer and Team Leader during production deployment

Masterplan Consulting Sdn. Bhd
Programmer
April 2009 - November 2010 (1 year 8 months)
Kuala Lumpur, Malaysia

April 2010 – Nov 2010

Project: Specific Material Store (SMS) System for Polis Diraja Malaysia | Web App

Skills: ASP.NET, VB.NET, .NET 3.5 framework, IIS app server and Informix 9 database

Role: Developer

Jan 2010 – April 2010

Project: Helpdesk System for Masterplan | Web App

Skills: PHP, Apache web server, MySql database

Role: Developer

April 2009 – April 2010

Project: Balai (Police Station) Management System for Polis Diraja Malaysia | Web App

Skills: ASP.NET, VB.NET, .NET 3.5 framework, IIS app server and Informix 10 database

Role: Developer

Synovate
Programmer
January 2007 - April 2009 (2 years 4 months)
Kuala Lumpur, Malaysia

April 2008 – April 2009

Provide technical support on SPSS Dimensions for junior programmers. Explore new approach to enhance and improve data processing work efficiency by designing new plans, manual and training.

Jan 2007 – April 2009

Project: Customer Value Proposition (CVP) for Ford Europe | Web App
Skills: VB.NET, MS SQL database, SPSS Dimensions and MSDOS batch programming.
Role: Developer

Jan 2007 – April 2009
Project: Online survey, CATI (Computer-aided Telephone Interview), and data entry applications for Standard Chartered, SingTel, American Express and The Hong Kong Advertiser Association | Web App
Skills: VB.NET, MS SQL database, HTML, Javascript, CSS and SPSS Dimensions
Role: Developer

Jan 2007 – April 2009
Project: Monthly data processing and auto charting for Mandarin Oriental, General Motors and HSBC | Macro
Skill: Microsoft Excel VBA
Role: Developer

KAG Engineering Sdn. Bhd.
Technical Executive
January 2005 - February 2006 (1 year 2 months)
Perak, Malaysia

Electrical Engineer for Electrical and Mechanical Maintenance and Service Works for Lembaga Air Perak (LAP), Jabatan Pengairan dan Saliran (JPS), Indah Water Konsortium Sdn. Bhd. (IWK) for Ipoh and Taiping and Grundfos Pumps (Malaysia) Sdn. Bhd.

Agni Energie Sdn. Bhd.
Electronic Engineer
September 2003 - November 2004 (1 year 3 months)
Selangor, Malaysia

Project: Fuel Cell Car Project and 500W PEM Fuel Cell Test Station control and data logging unit for testing 500W proton exchange membrane (PEM) fuel cell operating parameters
Skills: Zilog Z8 Encore! Microcontroller, ANSI C Language and Electronics
Role: Electronic Engineer

_____

Education

Universiti Teknologi Malaysia

Bachelor of Engineering (BEng), Electrical and Electronics

Engineering · (1998 - 2003)