Jae-Min Jo

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91jaeminjo.github.io/portfolio

SKILLS

Programming Languages
Java
JavaScript
TypeScript
HTML, CSS
Python
C

Frameworks
React
Angular
Bootstrap
jQuery
Java Spring
Spring Boot
Hibernate

EDUCATION

The University
of Texas at Austin
Bachelor of Science
Computer Engineering
GPA: 3.27
Class of May 2016

CERTIFICATION

AWS Certified Developer
(Credential ID 42L16GGC32141MGH)

PROFESSIONAL SUMMARY

I am a software engineer who enjoys problem solving, debugging, and writing code. In my previous occupations, I've initiated and developed software to simplify/automate manual tasks and increased job throughput of our team.

PROJECTS

Personal Website – 91jaeminjo.github.io/portfolio
· Written with React and Bootstrap, hosted on GitHub Pages.
· Showcases a few of my projects.

Task Management App – Angular, Java Spring, MySQL
· Designed and built the full-stack application.
· Manages CRUD operations of tasks via RESTful API endpoints in Java Spring Boot application, connected with MySQL via Hibernate/JPA.
· Source code managed in GitHub, and deployed on GCP Compute Engine.
· Deployed in AWS – S3 static website hosting for front-end, EC2 instance for back-end.

WORK EXPERIENCE

Plus ENG - PLC Engineer
Oct 2018 - Dec 2019
· Troubleshooted, diagnosed, and repaired Slurry Distribution Systems operated by PLC.
· Developed and updated PLC programs to add new features and enhance existing features.
· Facilitated communication between Korean HQ and U.S. customers including Samsung Austin Semiconductor.

Microsemi - Test Engineer
Oct 2016 - July 2018
· Enhanced test programs in C to allow customers to customize Microsemi RF IC products.
· Managed test programs in SVN.
· Developed scripts with grep, sed, AWK, and Reg Ex to create test patterns, automate repetitive manual tasks, and analyze production and engineering datalogs.
· Debugged legacy products and their test programs in C, LabVIEW, and tcl on tester DIBs.
· Collaborated with offshore production engineers to monitor and correct problems in company products.

BP America – HPC System Admin Intern
May 2015 - Aug 2015
· Compiled open source software to facilitate research on the High-Performance Computers.
· Wrote Python scripts to automate web verification process using Beautiful Soup library.