

Sangbeom Yoo

Des Moines, WA

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Education

Bachelor of Science in Information Technology

Graduation 2024 June

Relevant Coursework:

- **Programming** - Introduction to Object Oriented Programming, Server-side Web Application, Data structure & Algorithm, Web Design & programming.
- **Information Technology** - Information system Analysis & Design, Hardware & Software Systems, Foundation of HCI & Systems, Database Design, Network Security, CCNA prep course.
- **Capstone Project** – Building Enterprise cloud architecture for e-commerce. Backend, frontend, dev-ops with AWS & Docker are covered. Please visit my LinkedIn profile for more information.

Skillset

Frontend Dev: Angular, Strong foundation on HTML, CSS, JAVASCRIPT, Bootstrap & tailwind.

React, Redux with Strong foundation accumulated from Angular project experience

Backend Dev: Strong foundation on Algorithm & Data structure / Spring Framework(JAVA) / API Test with Postman / Integration testing tool with JUNIT5 / Backend Caching for performance tuning with Redis

Database-Handling-SQL: Data handling queries and utilizing JPA for Server side ORM.

Dev Ops & Sys Admin: Linux, Proficient Shell Scripter accumulated from server control (AWS), Git-Actions, Docker, SES email server configuration, DNS management with Route53, Cloudflare.

Cloud Computing (AWS): EC2, S3, Lambda, RDS, Nginx, Reverse Proxy, AWS ELB for load balancing

Experience

Puget Sound Customs – Web Developer | Angular, Spring boot, GitHub, AWS EC2, RDS, S3, Docker, Ubuntu

June 9, 2023 – Sept 20, 2023

1. Building fully functional e-commerce solution for custom PC with admin panel for inventory control system.
2. Implemented secure JWT token-based authentication & authorization.
3. Designed the database and DDL for data control from backend server utilizing JPA.
4. CD&CI pipeline with GitHub Action with Docker, Server instance management with cron script.

Sunrise United Methodist Church – IT specialist | Angular, Spring boot, GitHub, Heroku, DNS Management

June 1, 2023 - Current

1. Backend Server & frontend server are separated and connected with REST API.
2. A fully functional church website with an admin panel providing exclusive access for the office manager, who can manage contents on the website.
3. Overall IT tasks have been assigned and resolved during the working period, covering web development, DNS management, custom mail server setup, and network troubleshooting.