

Jun Ham

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Experience

The Boeing Company

Colorado Springs, CO

Software Engineer

Aug 2021 – Sep 2022

- Designed and implemented 2 different microservices on WGS (Worldwide Global Sat-com) program.
- Initialized a broker relay service Java Spring-Boot/Websockets to receive and send 1000+ JMS messages.
- Created 3 standalone windows services to run microservices without the use of command line or an IDE.
- Built 100+ templates for new tables in SQL, using PGAdmin and DBVisualizer to view Postgres and MongoDB.

Hydroflow

Irvine, CA

Mobile Android Developer

Oct 2020 – May 2021

- Created and launched a native mobile application that monitors and increases users' daily water intake by 20%.
- Implemented Docker containers to resolve dependency issues between IOS, Windows, and Linux platforms.
- Developed Redux state containers using ReactNative and Android Studio to easily improve future versions.
- Built a UI including a homepage and an authorization system using Google SignIn API for 10,000+ customers.

Southland Roofing Inc

Los Angeles, CA

WebApp Developer

Jun 2020 – Sep 2020

- Launched a web application to improve quote creation process by 100% regarding roofing and demolition.
- Designed and created a backend server with NodeJS, Sendgrid, and MongoDB, handling 5,000+ customers.
- Improved company revenue by 40% after the launch, speeding up processes by relieving in-person quote duties.

South Orange County College Community District

Irvine, CA

Computer Science Instructor

October 2017- May 2019

- Mentored college students with various academic problems regarding algorithms or debugging issues.
- Familiarized myself to quickly reading, understanding, and editing code written by others.
- Increased the performance of the computer lab by improving the ratings by 30% throughout my two years.

Projects

HealthClock

<https://github.com/hamjun/fitnessApp>

- Developed a fitness app to provide meal plans and exercise suggestions using React-Native and Android Studio.
- Created a suggestion algorithm using Mifflin St.Jeor equation and 10+ data factors provided by Samsung Health.

Music Hoster

<https://github.com/hamjun/MusicBot>

- Built a webapp which hosts rooms, allowing users to listen to the same music with React front and Django back.
- Implemented a RESTful system so users to create, join specific rooms and play specific songs using SpotifyAPI.

Personal Portfolio (<https://junham.me/>)

<https://github.com/hamjun/Portfolio>

- Launched a personal portfolio using React and Node showing 3+ experiences and 15+ skills with Hostinger.
- Implemented a clean UI consisting of a fluid navigation bar, swiper modules, and a working email sender.

Education

University of California, Irvine

Irvine, CA

B.S. Computer Science

Skills

Technical: Python, Java, C++, JavaScript, React, React-Native, Node, Flask, Django, SQL, Bash, HTML, CSS3

Software: Github, Android Studio, Spring Boot, Docker, Jira, Confluence, Slack, Discord, Google Analytics, PGAdmin, DBVisualizer, MongoDB, PostMan, SwaggerUI, EclipseIDE, VSCode, VIM, Linux, Windows, Bash

Business: Agile Methodologies, Usability Testing, Personas and Segmentation, Lean Methodology, Google Design Sprints

Courses: AI, Data Mining, Databases, Security, Data Structures and Algorithms, Information Retrieval, Search Engines

Design: Design Thinking, UI/UX Design, Information Architecture, System Design, Test-Driven Development

Languages: English, Korean