Julius Co

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EDUCATION

University of California, San Diego 2018/09 - 2022/08
Computer Science & Engineering, B.S. GPA: 3.61

EXPERIENCE

Senvo | Software Engineer 2022/06 – Present
- Developed and deployed Spring Boot application on Google Cloud Platform, maintaining a CI/CD pipeline.
- Built and refined analysis tools to process customer and carrier data, increasing the accuracy of identified issues by 20%.
- Optimized analyzers by improving database calls and decreasing analysis time from over 3 minutes to less than 30 seconds.
- Designed flexible data configuration systems that enable customized data input for analyzers, simplifying the addition of new customers.
- Created REST endpoints to fetch performance analytics and logs.
- Wrote Python scripts to facilitate importing and formatting customer data and running analyzers on multiple data sets.

Seavenger | Software Engineer Intern 2022/01 – 2022/06
- Developed a PHP web app, PHP REST API, and Kotlin Android app from scratch.
- Web application provides a CRUD interface for administartors, allowing them to assign and revoke permissions for individual users.
- Android app interacts with the PHP API for login and activity logging, and integrates with the Skubana warehouse API to manage inventory and returns.
- PHP API supports email sending, activity logging in CSV format, and image saving from the Android app.
- App utilizes SDKs to connect with a Brother label printer and an HID card reader for login functionality.

PROJECTS

Portfolio Website – React, Tailwind, Git
- Developed a portfolio website using React and Tailwind CSS, hosted on Github Pages at juco168.github.io.
- Utilized React to build reusable UI components, managing state, and handling routing.
- Utilized Tailwind CSS for rapid development and responsive design.

Apartment Checklist – Angular, Spring Boot, MySQL, Git
- Spring Boot application using the Angular framework and a MySQL database.
- Allows users to create and organize a list of tenants and assign move-in items to them.
- Helps keep track of purchased items and shopping list for a smooth transition into a new apartment.

Surfstore – Go, Git
- Terminal-based cloud file storing and sharing app.
- Users can utilize the service to upload files or synchronize changes.
- Uses Goroutines and consistent hashing to scale to many servers and many users.

SKILLS

Python · React · Java · Kotlin · C · Go · SQL · Git · Spring Boot · Linux ·

RELEVANT COURSEWORK

Networked Services · Database System Applications · Intro to Computer Security · Intro to Machine Learning