Dylan Billings

Software Engineer

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Summary

Passionate entry-level developer skilled in React, Java, JavaScript, and C++ for API and application development. Recognized for meticulous code testing and upholding security standards, with proficiency in Agile methodologies.

Work Experience

Teacher's Assistant   **Mar. 2021- Dec. 2021**

Central Washington University | Ellensburg, WA

Collaborated with two professors to support two university courses for over 60+ undergraduate students, fostering mentoring relationships and directly impacting their growth over six months. Provided guidance and clarification on programming concepts during lab sessions, and assisted in grading assignments while addressing student inquiries outside of regular class hours.

Senior Diagnostic Imaging Assistant   **Mar 2023 - Present**

Providence | Olympia, WA

Projects

Personal Planner
- Web application for note-taking and setting up events through Google Calendar. It provides a simple text editor that allows you to implement different formats of text, and the ability to export to the MongoDB database, to a docx file, or directly into a Google Calendar event.
- Frontend is React using the NextJS framework with Javascript, using multiple different libraries, and integrating their APIs. Also implementing OAuth 2.0 using NextAuth to use Google Servers to allow users to use their Google accounts to log in.
- The backend is written in Java Spring boot, with the Database MongoDB for storing user files.

Pet Adoption App
- An Android App built with Java and XML that allows users to interact on a marketplace for adopting pets and chatting with each other.
- Designed the front end using the XML layout editor in Android Studio.
- Implemented the main profile section, allowing the users to edit their profile, and implemented the image portion of new posts, allowing users to crop their images to fit the size requirements of the app.

Personal Portfolio Website
- A simple portfolio website that uses React, CSS, and JSX to showcase projects and personal skills. Uses react components for easy maintenance.
- Uses scaling to make sure the user experience is the same with any device.
- Makes Use of EmailJS to allow users to contact me through the website.

Technical Skills

Languages: Javascript, Java, CSS, HTML, C++, Python

Frameworks and Libraries: React.js, Next.js, NextAuth.js, MUI, Tailwind, Slate.js

Databases: MongoDB, Firebase, SQL

Software Tools: GitHub, VS code, Git, NPM

EDUCATION

Central Washington University | Bachelor of Science in Computer Science   June 2022
- *Magna Cum Laude*