

Izaac Ramirez

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Summary

UC Merced graduate with a Bachelor's degree in Computer Science and Engineering, specializing in software development. Passionate about building comprehensive software solutions from front-end to back-end. Strong believer in maintaining a balanced lifestyle, with hobbies including fitness training, video gaming, and hiking.

Experience

Western Digital | CA, Merced

Capstone Project, backend | 08/2023 - 12/2023

- Led a team to victory in my **Capstone** event, where our project was recognized as the **top solution** among a pool of competitive entries.
- Designed and built **RESTful APIs** using **Java Spring Boot** to facilitate seamless communication between front-end and back-end components, enabling dynamic content updates and real-time feedback.
- Designed and implemented a comprehensive **MySQL** database schema using **DBeaver**, ensuring efficient storage and retrieval of employee training records, quiz data, and user information. Utilized **Docker** containers during development to maintain a **consistent and isolated development environment**, enhancing system integrity and performance.

Netflix Pathways Bootcamp

Software Engineering Extern, backend | 06/2023 - 08/2023

- **1 of 63 selected attendees out of 5000+ applicants** for the 2023 Summer Netflix Pathways Bootcamp.
- Built cloud-ready web applications with **Java Spring Boot** conforming to the main principles of **RESTful APIs**.
- Authenticated user via **JSON Web Token (JWT)** with **Spring Security**, reducing the load on the server.
- Access data **SQL(MySQL)/NoSQL(Cassandra)** via **ORM**, serving a large amount of data effectively.

Education

University of California, Merced | Merced, CA

Computer Science and Engineering | 05/2024

Schools Projects

- As part of a team, I developed Pet Talk, a full-stack web application for pet owners seeking advice. Using **Python, JavaScript, HTML**, and **CSS**, I contributed to creating a platform where users could log in, post questions about their pets, and receive responses from the community. My responsibilities included implementing features for **saving and deleting** user posts, enhancing the application's **usability and functionality**.
- I contributed to the development of a student enrollment application using **HTML, CSS, JavaScript**, and **Python**. Our team designed and implemented a user-friendly **interface** where students could log in, browse available classes, and enroll in courses seamlessly. Additionally, leveraging **Python for backend** functionality, we enabled students to efficiently unenroll from classes, enhancing the flexibility and usability of the application.

Coding Languages

Java, C++, Python, HTML, CSS