Derek Penaloza

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Summary

Motivated front-end developer with experience building cross-platform mobile applications using React Native. Proficient in TypeScript and Jest, and skilled in back-end development and unit testing. Seeking an entry-level position or internship to gain practical work experience while pursuing further education in computer science.

Experience

Personal Project
Full Stack Developer | 02/2023 – 05/2023

Developing a cross-platform game between mobile and Virtual Reality devices using Unity as the game engine for VR development and React Native for mobile development.

- Researched and implemented Photon Engine as a scalable solution for cross-platform gameplay
- Developing and testing on a self-hosted Photon Engine server
- Deployed beta versions of the mobile apps to TestFlight and Google Play

ChargeNet | San Diego, CA
Front End Developer | 05/2021 – 01/2023

- Developed mobile applications using React Native
- Used Typescript and Jest to create and test new features
- Ensured fast and accurate rendering of all features
- Implemented processes to keep the cache, device storage, and database in sync
- Assisted with backend development and unit testing APIs
- Collaborated with cross-functional teams to ensure successful project delivery
- Contributed to code reviews and provided feedback to peers

Skills

React Native, TypeScript, Java, C#, SQL, GitHub, Unit Testing

Education

California State University, Dominguez Hills | Carson, CA
Bachelors Degree in Computer Science | 06/2025

Santa Monica College | Santa Monica, CA
Associates Degree in Computer Science | 01/2023