

Alexis Ramirez

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EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelors of Science in Software Engineering, GPA: 3.80

Relevant Coursework: Software Engineering, Introduction to Database Systems, Software Security, Design and Analysis of Algorithms, Database Modeling and Design, Project-Based Object-Oriented Programming and Design, UI/UX Design and Development, Secure Web Server Administration

EXPERIENCE

Nexstera Tech

April 2024 – June 2024

Application Development Intern

- Developed Android application using Expo and interactive dashboard using Next.js as part of a team to help with the company's operations
- Conducted pair programming sessions with team members and updated team on progress in weekly standup meetings

PROJECTS

Mi Tiara

Team Member/Leader

July 2024 – September 2024

- Led team of four to develop frontend using React for an application to streamline event planning when it comes to booking and managing event services especially for members of the Hispanic community
- Organized bi-weekly meetings to determine progress and pain points in group member's work
- Helped develop Spring Boot backend for the application as part of another team of four

fEMR Medical Coding Portal

Team Member/Scrum Master

September 2022 – June 2023

- Developed an application for applying medical codes to de-identified patient records as part of a team of six for Team fEMR which offers a fast electronic medical records solution for remote clinics worldwide
- Initiated bi-weekly client meetings with President and CTO of Team fEMR to discuss progress as part of SCRUM workflow
- Restructured legacy data models using MySQL and Django and simplified backend endpoints to increase performance of application
- Facilitated pair programming sessions to increase understanding of team members' work
- Improved CI/CD pipeline using Github Actions and AWS Elastic Beanstalk to decrease deployment time

Messaging Application

Team Member

January 2022 – June 2022

- Built a chat-based application for increasing student communication across majors and courses as part of a team of four
- Developed robust backend REST API using Node.js, Express, and MongoDB to handle text, image, and file data as well as user profiles
- Designed intuitive frontend using React and React Bootstrap allowing easy access to chat rooms and the ability to send messages using Markdown
- Implemented end-to-end testing using Cypress and CI/CD pipeline using Github Actions and Azure

SKILLS

- **Languages:** Python, Java, Javascript, SQL, Typescript
- **Technologies:** Git, React, Node.js, Express, Next.js, Django, Jira, MySQL, MongoDB, Junit, Expo