

# Frank Alvarez

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## EDUCATION

### California State University Long Beach (CSULB)

Bachelor of Science in Computer Science

Long Beach, CA

Graduation Date: Dec 2022

## SKILLS AND COURSEWORK

**Skills:** JavaScript, Java, Node.js, SQL, HTML, CSS, React.js, Tailwind, Vercel, Bootstrap, Kotlin

**Relevant Coursework:** Data Structures, Algorithms, Database Fundamentals, Object Oriented Programming

## EXPERIENCE

### Territory Assistant

Remote, CA

Contract - Software Developer

Jan 2024 - Apr 2024

- **Developed** a responsive **full-stack application** with **Next.js** and **Tailwind CSS**, improving admin efficiency in managing and distributing information by 30%.
- **Constructed** and implemented a **RESTful API** with **Prisma** (SQL), enhancing real-time data access and increasing user engagement by 25%.
- **Coordinated** project tasks using **JIRA** and ensured efficient source control with Git, leading to a 20% improvement in milestone tracking and productivity.
- **Designed and Optimized** Territory React Components, ensuring the large scale system can operate in high performances.

### AO Construction

Remote, CA

Contract - Software Developer

Sep 2023 - Nov 2023

- **Crafted** a high-performance web application with **React**, optimizing the front-end build process with **Vite**, which reduced build times and improved development efficiency.
- **Integrated Google API and JavaScript** to dynamically map construction activities, enhancing project scope and budget visibility by 20% using React hooks.
- **Converted Figma** designs into responsive HTML, CSS, and **Tailwind**, improving mobile compatibility and user experience by 35%.
- **Implemented** components and modules, and established quality reviews using Vitest, improving code reliability by 30%, and managed version control with Git and GitHub.

### AFGE Local 17 - Department of Veterans Affairs

Remote, CA

WordPress Intern

Jan 2022 - Aug 2022

- **Built a searchable forum** with the integration of **WordPress** to create an innovative solution to the Department of VA, ensuring a lasting impact of ratings and reviews that workers can analyze.
- **Enhanced** form functionality using **Formidable Forms** and custom CSS, improving user interaction and site aesthetics.
- **Applied Agile** methodologies for project management, fostering a collaborative and adaptive work environment.

### California State University Long Beach, CECS

Long Beach, CA

AI - Teacher Assistant

Aug 2022 - Dec 2022

- **Automated** and **implemented Python scripts** for grading processes for weekly assignments, increasing grading efficiency by 40%.
- **Facilitated weekly meetings** through Microsoft Teams (SaaS Product) to discuss student assignments and worked collaboratively on lectures with the professor, demonstrating strong planning, organization & communication skills.
- **Provided** regular and **constructive feedback to students** during dedicated office hours, showcasing commitment to student support and development.