

ALEX BANHAM

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Profile: Full-stack software engineer with production experience across a wide variety of stacks. Comfortable owning service interfaces and integrations, building API-first backends, and shipping UIs with modern tooling. Excellent communication, collaboration and AI skills. Eager to help solve challenging and exciting product engineering problems.

Education: B.S. Computer Science, Cal Poly San Luis Obispo, Sept. 2025.

Experience

Software Engineer (Contract) | WorqAgent | Jun 2025 - Present

Location: San Diego, California, United States (Remote)

- Built and maintained FastAPI services powering an agentic phone and SMS system for service businesses as well as for the WorqAgent WebApp and platform
- Architected, built, integrated, and maintained the two WorqAgent frontend deployments; a WebApp created with Vite leveraging React.js written in Typescript and Marketing App leveraging Next.js written in Javascript
- Led integration efforts with Auth0, Twilio, OpenAI, and a number of third party PIMS apis.
- DevOps for our full stack maintaining Lightsail, S3, MongoDB, and Vercel deployments
- Enforced software engineering best practices across the stack related to security, robustness, and design

Software Engineer Intern | Onclave Networks, Inc. | Jun 2023 - Dec 2023

Location: San Diego, California, United States (Remote)

- Lead UI engineer in a small tech team using agile methodologies and CI/CD practices, with a focus on upgrading the frontend using React.js and TypeScript to modern UI standards, and using Java Spring and JPA for full-stack work.
- Led extensive refactoring projects for the platform's frontend, including the elimination of deeply integrated legacy dependencies and major package overhauls and end-to-end testing and code review.

Software Engineer Intern | Flock Freight | Jun 2022 - Apr 2023

Location: San Diego, California, United States (On-Site)

- Collaborated in a dynamic CI/CD and agile environment as a part of a full-stack product-focused team.
- Developed key backend features using Java, contributed to the frontend with TypeScript and React.js.

Projects

Vetama - Sept 2024 - Jun 2025 - Corporate Sponsored Senior Design Project

- Led architectural design and development efforts on a year-long senior capstone project, creating a client-facing user platform for a mobile veterinary services company.

SpotifyTranslate - April 2024 - Jun 2024

- Created a simple WebApp leveraging react.js and express.js that integrates the Spotify API along with the MusixMatch API to provide real time lyrics translation for an active spotify session

Technical Skills:

Languages: Java, Python, C, JavaScript, TypeScript

Frontend Development: React.js, React Native, Flutter, HTML, CSS, Tailwind CSS, Vite

Backend Development: Node.js, Express.js, Flask, FastAPI, RESTful APIs

Database Management: MySQL, PostgreSQL, MongoDB (NoSQL), AWS RDS

AWS Certification: Cloud Practitioner

DevOps & Cloud Services: AWS (EC2, S3, RDS, CloudFront, Lightsail, etc), Vercel, Docker

Version Control & Collaboration: Git, GitHub, Jira

Continuous Integration/Continuous Deployment (CI/CD): AWS CodePipeline, GitHub Actions, CircleCI

Artificial Intelligence: Practical experience leveraging AI tools to enhance productivity and code quality