

Anabel Villalobos, Software Engineer

Orange, CA, United States, (760) 881-2253, villalobos1998@gmail.com

LINKS

[Portfolio](#), [Github](#), [LinkedIn](#)

PROFILE

Forward-focused and motivated professional with a proven track record of enhancing user interfaces and development processes. Skilled at designing and developing scalable and efficient software solutions. Proficient in multiple programming languages, with a strong foundation in software development methodologies and best practices. Experienced in full-stack development, and skilled in problem-solving and troubleshooting complex technical issues to ensure optimal functionality and performance. Articulate communicator, adept at collaborating with cross-functional teams to bring projects from conception to completion. Demonstrated ability to adapt to new technologies and learn quickly in fast-paced environments.

TECHNICAL PROFICIENCIES

Authentication: Firebase, OAuth, NextAuth

Software Testing & Validation:-
Jest, Playwright, Postman
Automated testing

CSS frameworks &
ORMs: Tailwind, MaterialUI,
SQLAlchemy, Sequelize

Object-Oriented Programming:
JavaScript, TypeScript, Java,
C++, Python

Cloud platforms: Amazon Web
Services (AWS), Microsoft Azure

Version control systems: Git,
Github, Gitlab, SVN

Continuous Integration
Systems: Github Actions, Jenkins,
Responsive Web Design

SQL Databases: PostgreSQL,
SQLite, SQL

JS & Python Frameworks:
Reactjs, Nextjs, Expressjs,
Nodejs, Django, Flask

Other: MongoDB, Docker,
RESTful APIs, Confluence,
Stripe, Linux, JIRA, Redux

EMPLOYMENT HISTORY

Sep 2023 — Jul 2024

Full-stack Software Engineer Intern, Cisco Meraki

Created a coherent design system, including a collection of styled, accessible, and reusable React components, promoting consistent UI design and enhancing productivity for multiple engineering teams. Built a command-line interface tool for page templating using npx, enabling swift generation of personalized layouts and pages, expediting development with the Magnetic library. Established automated end-to-end testing in the CI pipeline to verify component functionality and reliability pre-deployment, leading to reduced production issues. Enforced stringent testing procedures encompassing unit, integration, and VR tests to uphold superior code quality.

- Developed a design system/UI library utilized by Cisco engineers for platforms such as the Meraki dashboard to facilitate customers in managing devices and settings.
- Introduced design tokens for efficient theming options, including light and dark modes, simplifying integration and enhancing the flexibility and scalability of the design system.
- Developed advanced theming functionalities for Dashboard, including a colorblind assist mode, enriching accessibility for ~30K users.
- Enhanced component features to provide a user-friendly experience with sophisticated functionalities.
- Boosted Magnetic library compatibility to cater to three React versions, ensuring smooth utilization across diverse team upgrade timelines, minimizing disruptions.
- Championed the improvement of library documentation, resulting in increased adoption and improved developer user experience.

Oct 2022 — Aug 2023

Instructional Assistant, App Academy

Delivered comprehensive JavaScript training to cohorts averaging 100 students, elucidating advanced concepts such as the call stack, event loop, promises, scope, and variable hoisting. Presented lectures on complex data structures and algorithms, equipping students with robust problem-solving skills for technical interviews and industry challenges.

- Mastered JavaScript language and significantly enhanced problem-solving abilities through teaching and curriculum development.

- Fostered deeper understanding of data types, closures, callbacks, IIFEs, and memory allocation through interactive instruction.

Aug 2022 — Nov 2022

Software Engineer Intern, The CommonsXR

Restructured and optimized a complex React codebase, leading to improved maintainability and reduced technical debt. Enhanced development efficiency across the project.

- Spearheaded a team initiative that significantly improved code maintainability and project scalability.

PROJECT EXPERIENCE

Camplife,
<https://camplife-1879b310f9cb.herokuapp.com/>

Skills: React, Redux, SQLite, Sequelize, Postman, Express, Node, JSON, NPM, CSS, HTML, Heroku

Wedding Website,
<https://anthony-and-anabel.com/>

Skills: React, Tailwind, MongoDB, Mongoose, Express, Node, JSON, NPM, CSS, HML, Heroku

EDUCATION & CERTIFICATIONS

Master of Science in Computer Science, University of Colorado At Boulder Expected in October 2026

Oct 2024 Bachelor's Degree in General Studies, GPA: 3.6, Southern New Hampshire University 2024

Software Engineer Certificate, Full-stack Web Development, App Academy 2022