Anabel Villalobos

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Summary

Innovative Full Stack Software Engineer known for high productivity and efficient task completion. Skilled in JavaScript, React, and Node.js with strong capabilities in developing scalable web applications. Excel at problem-solving, teamwork, and adaptability, ensuring success in fast-paced development environments.

Skills

- Authentication: Firebase, OAuth, NextAuth
- Software Testing and Validation: Jest, Playwright, Postman
- Automated testing
- CSS frameworks: Tailwind, MaterialUI
- Object-Oriented Programming: JavaScript, TypeScript , Java, C++, Python
- State management: Redux
- Cloud platforms: Amazon Web Services (AWS), Microsoft Azure
- Data structures and algorithms
- Version control systems: Git, Github, Gitlab, SVN
- Continuous Integration Systems: Github Actions, Jenkins
- ORMs: SQLAlchemy, Sequelize
- Responsive Web Design
- SQL Databases: PostgreSQL, SQLite, SQL
- JS Frameworks: Reactjs, Nextjs, Expressjs, Nodejs
- Python Frameworks: Django, Flask
- NoSQL Databases: MongoDB
- Docker
- RESTful APIs
- Confluence
- Stripe
- Linux
- JIRA

Experience

Full-stack Software Engineer Intern, 09/2023 — 07/2024
Cisco Meraki — Remote

- Architected and implemented a comprehensive design system, delivering a library of fully styled, accessible, and reusable React components that standardized UI consistency and enhanced development efficiency across many engineering teams at Cisco.
- Developed a powerful CLI-driven page templating tool using npx, enabling engineers to rapidly generate pages tailored to specific use cases and layouts, significantly accelerating the development process with the Magnetic library.
- Automated end-to-end testing within the CI pipeline, ensuring the consistent reliability and functionality of components before deployment, reducing production bugs, and enhancing user trust.
- Implemented design tokens to streamline theming capabilities, including light and dark modes, simplifying integration, and enhancing the flexibility and scalability of the design system.
- Pioneered advanced theming capabilities for the Dashboard, including a colorblind assist mode, significantly improving accessibility and the overall user experience for approximately 30,000 users.
- Enhanced component features, balancing increased complexity with intuitive usability, ensure the components remained user-friendly while offering advanced functionality.
- Expanded the Magnetic library's compatibility to support three versions of React, enabling seamless usage across teams with varying upgrade schedules, thereby maintaining library reliability and minimizing disruption.
- Championed and contributed to comprehensive enhancements in library documentation, driving increased adoption, and significantly improving the overall user experience for developers.
- Ensured high code quality by implementing rigorous unit, integration, and VR testing protocols, complemented by thorough peer reviews, resulting in robust and reliable components.

Instructional Assistant, 10/2022 — 08/2023
App Academy — Remote

- Led comprehensive JavaScript instruction on advanced topics, such as the call stack, event loop, promises, scope, and variable hoisting. This impacted over 100 students, on average, at a time per cohort by improving their understanding of data types, closures, callbacks, IIFEs, and memory allocation.
- Delivered in-depth lectures on complex data structures and algorithms, including linked lists, hash maps, and graphs, effectively enhancing students' problem-solving skills and preparing them for technical interviews and real-world applications.

Software Engineer Intern, 08/2022 — 11/2022
The CommonsXR — Remote

- Led a team in restructuring and optimizing a complex React codebase, improving maintainability, reducing technical debt, and enhancing development efficiency across the project.

Education

04/2024 Southern New Hampshire University
Bachelor's Degree General Studies
GPA: 3.6

05/2022 App Academy
Software Engineer Certificate Full-stack Web Development

Projects

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