

Anabel Villalobos

Portfolio: <https://anabelvillalobos.com/>

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Github: <https://github.com/annvilla1998>

EXPERIENCE

Self-Employed — Freelance Software Developer

Aug 2024 - Present

The Turn (Golf Simulation)

- ❖ Designed and developed a responsive website to showcase services, enabling seamless customer advertisement and booking.
- ❖ Implemented secure payment processing using Stripe, facilitating seamless online transactions for bookings and improving revenue flow.
- ❖ Integrated user authentication to enhance security and personalized user experiences.
- ❖ Engineered a booking system, streamlining appointment scheduling and improving user engagement.
- ❖ Leveraged React.js, Next.js, and PostgreSQL to deliver a fast and scalable application.

Cisco Meraki, Remote — Full-stack software engineering intern

Sept 2023 - July 2024

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 help customers manage 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, and minimizing disruptions.
- ❖ Championed the improvement of library documentation, resulting in increased adoption and improved developer user experience.

App Academy, Remote — Instructional Assistant

Oct 2022 - Aug 2023

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

The Commons XR, Remote — Software Engineer Intern

Aug 2022 - Nov 2022

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.

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SKILLS

- ❖ **Programming Languages:** JavaScript, TypeScript, Python
- ❖ **Web Development:** React.js, Next.js, Node.js, Express.js, Redux, Django, Flask
- ❖ **CSS frameworks & ORMs:** Tailwind, MaterialUI, SQLAlchemy, Sequelize
- ❖ **Databases:** PostgreSQL, MongoDB, SQLite, SQL, Firebase
- ❖ **Cloud & DevOps:** AWS, Microsoft Azure, Docker, Git, Github, Gitlab, Jenkins, CI/CD, SVN
- ❖ **Software Testing:** Jest, Playwright, Postman, Automated Testing
- ❖ **Authentication:** OAuth, NextAuth, Firebase
- ❖ **UI/UX & Design:** Responsive Web Design, Tailwind, MaterialUI
- ❖ **APIs:** RESTful APIs, Stripe Integration
- ❖ **Tools:** Linux, JIRA, Confluence, Version Control

EDUCATION & CERTIFICATIONS

App Academy, Remote — Software Engineer Certificate, Full-stack Web Development

Aug 2021 - May 2022

Southern New Hampshire University, Remote — Bachelor's Degree, General Studies

Oct 2022 - Apr 2024

OTHER WORK EXPERIENCE

Bar Louie, Tustin — Bartender

Nov 2024 - Present

Cosmos, Victorville — Bartender

Mar 2018 - Mar 2020 & Aug 2021 - Apr 2022

Homebridge Financial, Remote — Closing Scheduler

Jun 2020 - Aug 2021

Projects

Wedding Website —

<https://anthony-and-anabel.com>

Aug 2023

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

Camplife —

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

April 2022

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