

Anabel Villalobos

Software Engineer

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Github: [github/annvilla1998](https://github.com/annvilla1998)

Skills

BACKEND: Java, C++, C#, Python, NodeJS, Django, Flask, Express, Ruby on Rails, Spring Boot

FRONTEND: Javascript, React, Redux, Typescript, HTML, CSS, Threejs, Nextjs

DATABASES: SQLite, MongoDB, PostgreSQL, Google Firebase

TESTING: Jest, Mocha, Vitest, Cypress, Playwright, TDD, Pytest

CLOUD: AWS

LIBRARIES: Tailwind, MaterialUI, Inquirer, Tansack, PostCSS

OTHER: Docker, Github, Gitlab, Gerrit, SVN, RESTful APIs, Google Analytics, Jenkins, Confluence, Jira, Stripe, Postman

Experience

Cisco Meraki / Full-stack Software Engineer Intern, Sept 2023 - Present, Remote

- Built a design system providing a library of fully-styled, accessible, and functional React components.
- Built a CLI-driven page templating tool using npx which generates pages based on user input regarding use cases and desired layout.
- Added a stage to the CI pipeline to automate testing of page templates.
- Revamped multiple Magnetic library components including TextArea, Input, Transfer from the Ant Design Library over to a fully independent Magnetic library.
- Adopted design tokens to ensure ease of use and integration of theming capabilities such as light and dark mode.
- Introduced new theming capabilities to the Dashboard enabling a colorblind assist mode improving the user experience of the ~30,000 users.
- Added table component features including selectable rows, overflow shadows, expandable rows, and more using the Tanstack headless UI library.
- Added support for 3 versions of React to the Magnetic library.
- Advocated for and contributed to the improvement of documentation for the library to support adoption and improve overall user experience.

App Academy / Instructional Assistant, Oct 2022 - Aug 2023, Remote

- Taught Javascript including the call stack, event loop, promises, scope and variable hoisting, data types, closures, callbacks, IIFEs, memory allocation.
- Lectured on linked lists, hash maps, graphs, and other DS&A.

The CommonsXR / Software Engineer Intern, Aug 2022 - Nov 2022, Remote

- Led a team to better organize and maintain a React Structure codebase.

Education

Southern New Hampshire University, BA, April 2024, GPA 3.6

App Academy / SWE Boot Camp Certificate, May 2022

Awards

- President's List 2024
- Honor Roll 2022, 2023, 2024