

Andre Chris Danao Abad

Full-Stack Software Engineer | Web Developer
andre.cd.abad@gmail.com | [GitHub](#) | [LinkedIn](#) | [Website](#)

WORK EXPERIENCE

Software Engineer Intern - React | Node.js | ChakraUI | Firebase | Cordova November 2023 - Present
Behavior

- Collaborated with the VA and NIH in an **Agile** development environment on research and development of our **AI/ML** platform that recommends optimal treatments to combat cravings for users with substance abuse history.
- Expertly handle a modern tech stack comprised of React, TypeScript, Firebase, Redux/Hooks, GitHub, and Cordova, while interfacing with native iOS and Android layers and testing cloud-based services
- Implemented a dynamic medication notification delivery system using **Firebase Cloud Functions** and **Express.js**, resulting in a 15% increase in medication log completion.
- **Increased** app usage by 30% by redesigning the resource and meditation features to allow in-app viewing of various media formats, including videos, images, PDFs, etc.
- Tackle complex software issues, such as fixing initialization bugs on mobile platforms, refining user identity management, and streamlining notification systems, leveraging **Firebase** and **Twilio** integrations

Web Developer - Shopify | Thinkific | Zapier August 2023 - Present
Little Justice Leaders

- Migrated educational materials to a digital platform, making them available 24/7 on any device and improving accessibility for students with disabilities.
- Lead an initiative to make social justice material more accessible for children by creating a product that teaches kids about these particular topics in a way they understand.

Full Stack Developer Intern - React | Nodejs | Redux | Material-UI | Duckdb-wasm August 2023 - December 2023
Hack For LA

- Leveraged **Node.js** to seamlessly integrate BackstopJS, a visual regression testing package, into our existing codebase, improving the Continuous Integration/Continuous Deployment (**CI/CD**) pipeline by 20% for **frontend development**.
- Contributed to the 311 data democratization project, making public data on non-emergency citizen requests readily available for community initiatives.

Registered Behavior Technician Sept 2020 - July 2022
ABA Therapy Partners, Center for Social Dynamics, Advanced Behavioral Health Inc.

- Adeptly mastered Central Reach, our medical information system, ensuring accurate data collection and analysis for improved patient care.
- Utilized fields of play therapy, occupational therapy and behavioral therapy on children with developmental, neurological and communicative disorders to allow them to be more independent in the future.

Projects

Patient Management System, *Full Stack Developer* - React | Flask | Redux | PostgreSQL | SQLAlchemy [Live](#) | [GitHub Repo](#)

- Developed a patient management system to streamline care provider workflow by centralizing patient monitoring.

Payme, *Full Stack Developer* - React | Flask | Redux | PostgreSQL | SQLAlchemy [Live](#) | [GitHub Repo](#)
PayMe is an app where users can send and receive transactions.

- Improved social functionality of Venmo by implementing new features such as a budget creator, groups, and finance tracker further promoting its usage as a social platform.
- Analyzed user transaction data and integrated Chart.js to illustrate balance fluctuations over time and highlight primary.

JumpStarter, *Full Stack Developer* - React | Flask | Redux | PostgreSQL | SQLAlchemy [Live](#) | [GitHub Repo](#)
JumpStarter is a Kickstarter Clone where users can create projects that they want to get funded.

- Implemented **AWS S3** bucket integration to **enhance** image management within the application, ensuring long-term image availability by eliminating the risk of URL takedowns.
- Collaborated with a team of three developers, engaged in agile development practices, code reviews, and version control using Git, ensuring efficient project coordination within a week of assignment.

SKILLS

Front-end: React.js, Redux, JavaScript, HTML, CSS, SASS, TailwindCSS

Back-end: Node.js, Express, SQL, Python, Flask, SQLAlchemy, Sequelize, MySQL

Expertise: Agile, Algorithms, Data Structures, Debugging, Git, Object Oriented Programming (OOP), SCRUM, Test Driven Development

EDUCATION

App Academy, *Full Stack Software Engineering Program* January 2023 - July 2023
University of California Irvine, *Bachelor of Arts in Psychology*