

# Andre Chris Danao Abad

## Full Stack Software Engineer

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## EDUCATION

**App Academy**, *Full Stack Software Engineering Program*

January 2023 - July 2023

**University of California Irvine**, *Bachelor of Arts in Psychology*

## TECHNICAL SKILLS

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

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

**Expertise:** Agile, Algorithms, Data Structures, Debugging, Git, Kanban, Object Oriented Programming (OOP), Paired Programming, SCRUM, System Architecture, Test Driven Development

## WORK EXPERIENCE

**Full Stack Developer Intern** - React | Nodejs | Redux | Material-UI | Duckdb-wasm

August 2023 - Present

*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.
- Spearheaded an initiative to create intuitive data visualizations for 311 Data, making complex information accessible to non-technical stakeholders and enhancing project understanding and decision-making.
- Effectively utilized GitHub tickets to manage and resolve project issues, ensuring smooth development and issue tracking.
- Implemented map link bookmarking with preconfigured parameters, optimizing map initialization through query string integration with React router.
- Enhanced data loading efficiency from Redux by selectively filtering data based on user-defined variables.

**Web Developer** - Shopify | Thinkific

August 2023 - Present

*Little Justice Leaders*

- Collaborated on the integration of Shopify and Thinkific using Zapier, resulting in automated account generation immediately after users purchased a subscription

**Registered Behavior Technician**

April 2022-

July 2022

*ABA Therapy Partners*

- Identified trends and patterns of a client's behavior and adjusted their behavior plan accordingly to assure client is on track, resulting in fewer disruptions during therapy sessions
- Built strong relationships with clients and their parents to enhance and improve ABA therapy, as well as increase client retention rates by 10%

**Research Intern**

September 2021 - December 2021

*Children and Screens: Institute of Digital Media and Child Development*

- Collaborated with postdoctoral project coordinators on their scholarly publications and grants relating to recent retreats on digital media's effects on brain development and mental health
- Organized over 300+ articles within the database, significantly reducing search time

## PROJECT EXPERIENCE

**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
- Developed a robust and efficient database schema from scratch for the application, ensuring optimal data organization and retrieval performance

- Analyzed user transaction data and integrated Chart.js to illustrate balance fluctuations over time and highlight primary spending categories, providing users with a comprehensive financial overview.

**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
- Led database schema design and Redux store shape design to establish and promote best practices for scalability

**Vacor, Full Stack Developer** - React | Express | Redux | PostgreSQL | Sequelize

[Live](#) | [GitHub Repo](#)

*Vacor is an Airbnb clone which showcases homes that users can stay at*

- Troubleshooted application issues to ensure smooth functionality and user experience
- Developed RESTful API and middleware with Express.js and JSON to seamlessly connect client and server
- Designed and enforced robust front-end and back-end validations resulting in a 98% accuracy rate in data entries ensuring optimal data integrity