

Andre S. Giron

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Education

B.S. COMPUTER SCIENCE | 2015 | GEORGIA INSTITUTE OF TECHNOLOGY

Professional Experience

SOFTWARE ENGINEER, FRONT-END | DOSS | FEB 2025 – JULY 2025

- Localized the application into Hebrew and implemented RTL (right-to-left) UI support.
- Built a new mobile application using React Native and improved mobile responsiveness in the web platform.
- Enhanced the forms editing and creation experience for better usability.
- Delivered UI improvements across the application to streamline user workflows.
- Designed and implemented PDF parsing functionality powered by LLMs, enabling documents to be converted into structured data with natural language queries.

Tech Stack: TypeScript, React, Next.js, Node.js, Tailwind, GraphQL, React Native

SOFTWARE ENGINEER, FRONT-END | AQUEDUCT | AUG 2021 – OCT 2024

- Spearheaded the design and development of enterprise-grade developer tooling, catering to the Modern Data Stack and later, LLM-based applications.
- Pioneered engineering efforts as a founding engineer, taking charge of both the front-end codebase and User Experience Design. Led front-end codebase through several product iterations.
- Demonstrated versatility by actively engaging in Front-End Development, User Experience Design, Full Stack Development, and overseeing application deployments.

Tech Stack: Typescript, React, Redux, Mantine, Python, FastAPI

SOFTWARE ENGINEER, GROWTH | JOY (WITHJOY.COM) | MAR 2020 – AUG 2021

- Worked on cross-functional growth team to build Joy's new brand and web presence.
- Started initiative to use JAM stack at Joy and developed critical infrastructure to support CI/CD, performance monitoring and A/B testing of Joy's new web experience.
- Led project to migrate Joy's WordPress blog and support site to more stable cloud infrastructure.

Tech Stack: Typescript, React, Gatsby, WordPress

SENIOR SOFTWARE ENGINEER | CUMBERLAND GROUP | JAN 2019 – AUG 2019

- Developed user interface to manage industrial internet of things devices for cold storage warehouses.
- Built pre-sales demos and used rapid prototyping to create proof of concept IoT projects and software integration projects for potential clients.
- Architected and implemented sync tool for syncing Active Directory to Cisco Unified Communications Manager. This project is currently in use today at a major hospital.

Tech Stack: React, Node.js, JavaScript

FOUNDER AND CEO | BEAM LABS LLC | NOV 2016 – JAN 2019

Established and led a software contracting company specializing in product design, design sprints, and the development of web and mobile applications.

Notable Clients:

SHREDTECH.IO | JANUARY 2018 – AUGUST 2018

- Architected and chose foundational technologies for Shredtech's platform and mobile application.
- Built MVP in React Native and Django / Django Rest Framework.
- Led engineering team for Shredtech and grew the team to four people.

Tech Stack: JavaScript, React Native, Django, Django Rest Framework, Postgres, Heroku

AMBI INC. | MARCH 2017-JANUARY 2018

- Architected and developed user interface for instant messaging on Ambi.
- Developed library of reusable components for instant messaging enabling chat user experiences on both desktop and mobile devices
- Built automated browser testing infrastructure for rapid integration testing of website.

Tech Stack: JavaScript, NodeJS, React, Redux, Mocha, Selenium Web Driver, Twilio

Additional Professional Experience

SOFTWARE ENGINEER | BETTERCLOUD | JULY 2016 – NOV 2016

- Wrote microservice in Spring Boot to handle registration and de-registration of Dropbox users. · Used AngularJS on the client side with fQL and ElasticSearch on the server side to implement advanced filtering on the user page, allowing for flexible searching through large lists of users.

Tech Stack / Methodologies: Java, Spring Boot, JUnit, Kafka, MySQL, ElasticSearch, AngularJS, Docker, Scrum, Kanban, Test Driven Development, Continuous Integration

SOFTWARE ENGINEER, MOBILE PAYMENTS | NCR | JUNE 2015 – APRIL 2016

- Developed enhancements for user interface and admin dashboard of Mobile Pay.
- Designed and implemented RESTful/SOAP web services for internal teams, as well as maintained a customer facing API.
- Integrated web services with the Aloha Point of Sale System.

Tech Stack: C#, ASP.net WebAPI, JavaScript, Moq, CastleWindsor, ASP.net MVC, SOAP/RESTful web services, CouchBase, MySQL

Internship Experience

SDE INTERN- WINDOWS PHOTO VIEWER | MICROSOFT | MAY 2014-AUG 2014

- Implemented various user interface improvements to the Collections Page and the Single Photo Viewer.
- Used MVVM architecture and wrote C#, C++, CX and XAML code to implement my feature.
- Wrote component tests to ensure that my feature was of high quality and that end-to-end scenarios functioned properly.

Tech Stack: C#, C++/CX, XAML, Universal Windows Platform Applications

SDE INTERN WINDOWS PHONE CALENDAR AND EMAIL | MICROSOFT | MAY 2013-AUG 2013

- Implemented feature which allows users to browse emails by sender.
- Wrote native C++ code for the Windows Phone OS.

Tech Stack: C++, XAML, Windows Phone Applications

EXPLORER INTERN | MICROSOFT | MAY 2012-AUG 2012

- Worked on a team of three to make Social Networking user interface improvements to the Windows Phone.
- Rotated with team between three roles for four weeks each- Program Management, Software Development, and Software Testing.

Tools/Methodologies: C++, RESTful web services, XAML, Program Management, Software Testing