

# Cal Perez *Senior Software Engineer*



## Work Experience

### **Jane Technologies** *Senior Full Stack Software Engineer*

October 2022 — Present

- Refined and created tasks, led meetings, maintained and created company documentation, and onboarded several junior and mid-level engineers as acting Team Lead
- Developed, tested, and deployed a large delivery feature as project lead to unlock the California market
- Spearheaded conversion of legacy front-end to Typescript and React using Jane's UI library
- Responsible for maintaining code hygiene and quality, including: phased improvement of test performance and coverage; implementation of a linter, formatter, and code quality checker; and supporting dependency upgrades on both sides of the stack
- Fluent with Datadog and AWS to quickly troubleshoot issues and escalate as needed
- Collaborated with stakeholders to prioritize work according to company initiatives and delegate tasks to engineers

### **Praxis Labs** *Senior Full Stack Software Engineer*

April 2021— April 2022

- Containerized testing suite to streamline test-driven development for end-to-end tests
- Transitioned existing Github Action CI/CD pipelines to CircleCI, reducing CI/CD execution time by 66%
- Deployed an Elastic Kubernetes Service cluster on AWS to prepare our systems for a scale up to enterprise customers
- Coordinated with the Product and Design team to implement features from ideation to deployment
- Led technical discovery for complex projects to identify unknowns and report to my team on feasibility and effort of different approaches to a solution
- Acted as a dedicated mentor for junior engineers including engaging in pairing sessions

### **Iris Works** *Chief Technology Officer*

May 2019 — March 2021

- Overhauled engineering processes to follow Agile methodologies
- Reduced AWS infrastructure costs by 15% by re-architecting and provisioning the appropriate resources to host the application based on CPU and memory usage
- Helped grow month-over-month revenue by 10% with high impact feature releases using qualitative and quantitative customer metrics
- Created a performance evaluation system to inform quarterly reviews for all employees
- Built a company wide knowledge base that housed feature documentation, processes, company history, and benefits
- Built and launched a completely new React Native app for Android and iOS
- Led the company rebrand, including the creation of a design system and a React UI library

## Lessononly Software Engineer II, Full Stack

January 2019 – May 2019

- Developed detailed unit and feature tests and specifications with RSpec, Jest, and Enzyme to ensure at least 90% test coverage
- Improved CI execution time in Codeship from 24 minutes to 10 minutes by parallelizing test suite executions
- Enhanced performance of SQL queries and views using more complex subqueries and built-in SQL functions

## Software Engineer, Full Stack

December 2017 – January 2019 then promoted

- Participated in code reviews, monitoring and alerting, and documentation
- Triaged Zendesk tickets from Customer Success team and resolved outstanding bugs
- Acted as intermediary between the Customer Success team and the Engineering team

## Sharpen Application Engineer

January 2017 – December 2017

- Developed secure RESTful APIs within a micro-service architecture
- Worked with front-end developers to integrate user facing elements in proprietary application
- Implemented data storage solutions in MySQL, Elasticsearch, Dynamo DB, and Amazon S3
- Set up weekly educational meetings for the development team to further understanding of concepts integral to the product

## Open for Service App Developer, Volunteer

June 2016 – January 2017

- Co-developed an app on both iOS and Android leveraging Node.js, AngularJS, and the Cordova framework
- Collaborated with front-end designers and the organization's founder to assess the scope of the project and build the right solution



## Skills



## Education

Purdue University  
West Lafayette, IN, May 2016  
Bachelors in Computer Graphics Technology



## Contact

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