Cal Perez Full Stack Software Engineer

Work Experience

Tanooki Labs Senior Software Engineer, Contract
Feb 2022— Present
- Project-based work for small to medium sized businesses building anything from full-stack Ruby or Typescript apps to design systems to React Native mobile apps

Praxis Labs Senior Full Stack Software Engineer
April 2021— April 2022
- Containerized testing suite to streamline test-driven development
- 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
- 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
- Acted as lead Product Manager on all active and planned engineering projects

Lessonly 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

Lessonly Software Engineer, Full Stack

December 2017 — January 2019

- 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

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

Salesforce Creative Developer Apprentice

June 2016 — December 2016

- Designed and developed emails and landing pages within the Salesforce Marketing Cloud platform for demo purposes
- Created visionary presentations depicting how customers can use Salesforce technology to market to their customers
- Learned proprietary Salesforce languages including Ampscript and SSJS

Skills

Education

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

Contact

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