Kiran Misner

kiran.misner@gmail.com | kiranmisner.github.io

Skills

Programming Languages: Ruby, TypeScript, JavaScript, Python
Technologies: Ruby on Rails, React, Redux, RSpec, PostgreSQL, ES6, Postman, Ruby on Rails, PostgreSQL, JestJS, AWS S3, Postman, Express, MongoDB, Node.js

Experience

Software Engineer, Cisco Meraki   June 2022 – Present
- Built a data ingestion service to store third-party networking data in Meraki's infrastructure
  - Authored 2 design documents outlining architecture, timeline, and expected obstacles
  - Proposed and implemented the switch to an internal time-series database over PostgreSQL, optimizing query latency across thousands of daily database operations
  - Minimized service downtime by building in auto-restart functionality and alerting using Monit, achieving 99% service uptime over 6 months
- Reduced page load time by 25% on our product's 4th most used page by migrating frontend code from legacy ERB and Javascript to React with TypeScript, using Redux for state management and Jest for testing.
- Tackled customer issues spanning my team's product by debugging and deploying fixes for these bugs, resulting in a 60% drop in overall customer issue
- Resolved critical incidents as the on-call rotation's primary responder by mitigating system disruptions and facilitating postmortems, keeping average time to triage and repair under 2 hours
- Consolidated disparate communication systems for customer issues by building a unified incident resolution dashboard, earning recognition for "Best Business Idea" at Meraki Hack Week 2024
- Refactored bug-prone monolithic controller logic into maintainable code by creating RESTful API endpoints, attaining 100% RSpec test coverage and improving API success rate to 98%
- Named in the top 5% of interviewers at Meraki in 2023 after conducting 25+ technical interviews
- Mentored new engineers by pairing programming, code reviews, and technical presentations

Software Engineering Intern, Oracle Corporation (Cerner)   March 2021 – August 2021
- Digitized the sharing of genetic information by implementing a dashboard using React to view test results, increasing accessibility for over 8,500 patients a year at Children's National Hospital
- Optimized AWS S3 upload logic by prohibiting duplicate files, cutting monthly cloud storage costs
- Documented Windows onboarding processes by writing several setup guides and frequently asked questions, accelerating new employees' abilities to contribute productively in their first weeks

Software Engineering Intern, One Foot In   July 2020 – November 2020
- Implemented full-stack feature for post-meeting action items using React, Express, MongoDB, and Node.js for a mentorship platform deployed in 26 countries.

Education

Tufts University – BS in Computer Science, Summa Cum Laude   2022
GPA: 3.81