

Alexander Miranda

alexandermichaelmiranda@gmail.com | +1407.462.9753

EXPERIENCE

SAILPOINT TECHNOLOGIES | SOFTWARE ENGINEER

Sep 2025 – Present | Austin, TX

- Unblocked go-live dates for major health systems by stabilizing Epic connector suite, resolving aggregation failures and implementing robust error handling.
- Enhanced platform security and reliability by remediating recursion vulnerabilities, implementing rate limiting for connector logs, and extending saas-sp-conn-stream to support account operations.
- Reduced operational costs by transitioning health checks to Practitioner Search API and resolving double-encryption defects affecting Box and SCIM sources.
- Architecting AI-driven automation workflows to decommission feature flags and reduce technical debt through automated pull request generation.

PERSEFONI AI | SENIOR SOFTWARE ENGINEER

Mar 2022 – Mar 2025 | Austin, TX

- Developed Go microservices (Docker, gRPC, HTTP) for carbon accounting platform, ensuring scalability and performance.
- Designed SQL queries for analytics dashboards and exports, enabling data-driven sustainability decisions.
- Built external reporting feature for Japanese statutory compliance, expanding regulatory capabilities and market reach.
- Modernized platform by porting API endpoints from legacy application, streamlining processes and enhancing maintainability.

WARNERMEDIA | SOFTWARE ENGINEER

Dec 2017 – Mar 2022 | Seattle, WA

- Led development of Go microservices (Docker, gRPC, MongoDB) for content and user management.
- Built Orbis Web Portal using React and Redux for customer self-administration of tenant-based platform.
- Served as founding engineer for Spark desktop and mobile web application.
- Maintained close to 100% uptime through on-call rotations and managed Kubernetes deployments on AWS.

ZILLOW | SOFTWARE ENGINEER

Dec 2016 – Aug 2017 | Seattle, WA

- Developed mobile-to-native app conversion feature (React, Redux), increasing retention by 10%.
- Implemented 15+ integration tests using Python and Selenium for high code coverage.
- Refactored registration/login UI to accommodate 50% more users, improving scalability.

GENWEST SYSTEMS | SOFTWARE ENGINEER

Jul 2014 – Dec 2016 | Seattle, WA

- Engineered platform for trajectory and weathering models serving government and academic users.
- Developed Python RESTful API for seamless integration with C++ computational models.
- Created interactive data visualization dashboards and expanded Backbone.js platform functionality by 60%.

EDUCATION

UNIVERSITY MICHIGAN - ANN ARBOR

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE WITH MINORS IN MATHEMATICS AND PHYSICS
Ann Arbor, MI

OREGON STATE UNIVERSITY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (INCOMPLETE)
Online

SKILLS

PROGRAMMING

Proficient

Go • JavaScript • MySQL • MongoDB
Git • React.js • HTML5 • CSS3 • Docker
Familiar

Python • Java • C/C++ • SQLite • Redis
• dbt • Snowflake • Terraform

TECHNOLOGY

Git/Github • Github Actions • AWS
Linux • Bitbucket • Kubernetes

COURSEWORK

UNDERGRADUATE

Databases

Data Structures and Algorithms

Web Development

Networking

C/C++

LINKS

Github:// [ammiranda](#)

LinkedIn:// [alexmmiranda](#)

Blog:// [ammiranda](#)