

# KARINA MUÑOZ GONZALEZ

Software Engineer

Turing School Certificate in Software Development

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## SUMMARY

I'm a mission-driven Software Engineer with 8+ years of full-stack experience leveraging software to create beautiful, easy-to-use platforms for diverse populations. Skilled in accessibility, picking up new tools, distributed systems and building scalable services for millions of users. I've built inclusive digital platforms for government agencies and nonprofits. I have a passion for improving usability for underrepresented communities.

## SKILLS

### LANGUAGES & LIBRARIES

Ruby/Rails, Python, JavaScript/TypeScript, Go, Java, React, Next.js, Angular, MySQL, Vue, Redis, PSQL, NodeJS

### TESTING & TOOLS

Rspec, Jest, React Testing Library, Cypress, Storybook, Postman, Claude, Cursor

### INFRASTRUCTURE

Docker, AWS (ECS, EC2, Lambda), Jenkins, Terraform, Splunk, NewRelic, Tealium, Swagger

## EXPERIENCE

### NAVA, PBC · Software Engineer

**Nov. 2020 to May 2025**

- Engineered a **Next.js** + USWDS screener for **WIC enrollment**, enabling clinic-selection & income calculations; delivered greenfield design system template; improved time-to-demo using Storybook by 60%; collaborated in hypothesizing a national API standard for interacting with WIC MIS platforms.
- Maintained the **Beneficiary Claims Data FHIR API in Go (BCDA)**: improved production reliability via **Terraform** + **NewRelic** metrics; enhanced error logging and reduced duplicate logs by 80%; improved API monitoring (**MySQL** + **Splunk**).
- Supported **CMS citizen-facing portal for Medicaid & Medicare**: handled full-stack fixes (**NodeJS**, **Angular**, deploys via **Jenkins** + **AWS** + **Docker**); implemented modularization to improve Angular legacy codebase scalability; served as on-call engineer; demoed ongoing work to stakeholders on a bi-weekly basis.
- Refactored **VA Caseflow's React** front-end: refactored legacy HOCs to hooks, improved frontend accessibility; helped refactor legacy **Ruby/Rails 2.5** backend code; implemented new functionality in **Ruby/Rails 5.1**. Maintained **PSQL** / **Redis** database.
- Enhanced **Vermont MABD's** accessibility by introducing jest-axe tests; led a refactor of **React** components to ensure compatibility with VoiceOver screen reader; enhanced user authentication logic in **Python/Flask** backend, improving reliability and reducing edge-case errors in enrollment workflows.

### DEVETRY, INC · Software Engineer

**Aug. 2018 to Jan. 2020**

- Partnered with NREL to build full-stack features in Flask, Rails, and Vue; migrated Angular/Rails monolith to Vue, improving maintainability and performance.

### BARBERSHOP I/O · Front-end Engineer / QA Engineer

**Oct. 2017 to Jul. 2018**

- Built front-end interfaces for React web and React Native apps
- Spearheaded and automated QA process using Selenium and Mocha

### COLORADO SECRETARY OF STATE · Software Engineer

**Dec. 2016 to Aug. 2017**

- Scoped, developed, and led internationalization of the state's voter registration site; ensured support for Spanish speaking populations.
- Built and maintained legacy Java/Primefaces full stack applications.