

MIGUEL RODRIGUEZ

Full Stack Developer & Cloud Specialist

Contact

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San Francisco, CA

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Objective

Results-driven full stack developer with expertise in serverless architecture and progressive web applications. Passionate about creating scalable, accessible web experiences and applying CI/CD best practices. Seeking to contribute to an innovative development team focused on building next-generation web applications.

Education

Stanford University

Palo Alto, CA

Bachelor of Science in Computer Science

Minor: Human-Computer Interaction

2017-2021

CodePath iOS Development Program

San Francisco, CA

Advanced Mobile App Development Certificate

2021

Key Skills

- **Frontend:** React, Vue.js, TypeScript, Next.js, Tailwind CSS, WebAssembly
- **Backend:** Node.js, Express, NestJS, GraphQL, Python (FastAPI)
- **Mobile:** React Native, Flutter
- **Cloud Services:** AWS (Lambda, DynamoDB, S3), Firebase, Vercel, Netlify
- **Database:** MongoDB, PostgreSQL, Redis
- **DevOps:** Docker, GitHub Actions, CircleCI, Pulumi
- **Testing:** Jest, Cypress, React Testing Library
- **Performance Optimization & Analytics:** Lighthouse, Google Analytics, New Relic
- **Accessibility:** WCAG 2.1 compliance, screen reader compatibility

Experience

Senior Frontend Developer

TechStart Innovation

San Francisco, CA

June 2022 - Present

- Architected and developed a Next.js-based SaaS platform, reducing page load times by 65%
- Implemented CI/CD pipelines on GitHub Actions and automated testing strategies
- Led migration from REST to GraphQL, improving data fetching efficiency by 40%
- Mentored junior developers through pair programming and code reviews
- Improved web accessibility to meet WCAG 2.1 AA compliance standards
- GitHub Projects: <https://github.com/miguelroddev/nextjs-saas-starter>

Full Stack Developer

WebScale Solutions

Oakland, CA

August 2021 - May 2022

- Developed serverless applications using AWS Lambda and DynamoDB
- Created reusable component libraries with Storybook, increasing development velocity
- Implemented responsive designs and mobile-first approaches for cross-device compatibility
- Optimized front-end performance through code splitting and lazy loading techniques
- GitHub Projects: <https://github.com/miguelroddev/serverless-api-framework>

Web Development Intern

Creative Digital Agency

San Francisco, CA

January 2021 - July 2021

- Assisted in the development of client websites using React and WordPress
- Created interactive UI components and animations using GSAP and Framer Motion
- Performed cross-browser testing and bug fixes for client websites
- Participated in client meetings and requirement gathering sessions

Recent Projects

EcoTrack - Environmental Monitoring Platform

Personal Project

- Built a full-stack application using React, Node.js, and MongoDB
- Implemented real-time data visualization with D3.js and WebSockets
- Integrated with environmental APIs for data collection and analysis
- GitHub Repository: <https://github.com/miguelroddev/eco-track>

Community Marketplace PWA

Open Source Contribution

- Developed a Progressive Web App for local community commerce
- Implemented offline functionality with service workers and IndexedDB
- Created a responsive UI with Material-UI components

- GitHub Repository: <https://github.com/miguelroddev/community-marketplace>

Certifications & Training

- AWS Certified Developer – Associate
- MongoDB Certified Developer
- Advanced React Patterns and Performance Workshop
- Web Accessibility Fundamentals Certification
- Certified ScrumMaster (CSM)

Languages

- English (Native)
- Spanish (Native)
- Portuguese (Intermediate)