

RAQUEL ROBINSON

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PROFESSIONAL SUMMARY

Fullstack Developer with 4.5 years of experience building secure, scalable systems in the financial services sector. Proven track record in technical leadership, mentoring engineers, and driving complex projects from conception to delivery in distributed, cross-functional environments.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React, Next.js, Node.js, Ruby on Rails, HTML5, CSS3

Backend & Databases: PostgreSQL, REST APIs, GraphQL (familiarity), Express.js

Platforms & Tools: Git, Jest, React Testing Library, Figma, CI/CD, Docker, Datadog (Familiar)

Practices: Agile/Scrum, TDD, Performance Optimization, Accessibility (WCAG), DevOps

Strengths: Scalable architecture, cross-functional collaboration, accessibility, technical mentorship

Domain Knowledge: Financial Data Systems, SOX Compliance Environments, Payment Flows (Interest)

PROFESSIONAL EXPERIENCE

MassMutual — Senior Fullstack Developer | 2020 – 2024

- Selected as Tech Lead for key initiatives, driving technical strategy implementation for interactive content tools on massmutual.com. Established development strategies and best practices for a team of 4 engineers. Mentored team members and promoted a collaborative culture of knowledge sharing, improving feature delivery consistency.
- Owned the development and maintenance of key applications and features, including the financial calculators module. Boosted scalability and maintainability by 40% by developing reusable React components, refactoring CSS, and strategically upgrading libraries within Agile sprint deadlines.

- Enhanced accessibility across all interactive tools by implementing WCAG 2.2 standards using AxeDevTools, ensuring inclusive and compliant digital experiences for millions of users.
- Provided technical leadership on cross-functional projects, collaborating with Design, Product, and stakeholders in Agile sprints to deliver business-aligned solutions using React, Node.js, and modern testing/security tools (Snyk).
- Influenced platform stability and operations by contributing to CI/CD pipelines, participating in an on-call rotation, and improving internal component libraries, streamlining deployments and reducing production incidents.

Freelance & Personal Projects — *Fullstack Developer | 2019 – Present*

- Architected and implemented multilingual functionality for Ruby on Rails applications used by government clients, expanding accessibility to more than 200,000 users..
- Designed and built simulated transaction and checkout flows for an e-commerce plant shop, gaining hands-on experience with concepts central to payment processing like order lifecycle, cart management, and data integrity.
- Developed fullstack applications using Ruby on Rails for backend services, including RESTful API design, authentication, websockets integration and PostgreSQL database management and React/Next.js for dynamic frontends.

Dell/EMC — *Process Engineer | 2014 – 2017*

- Led multiple process optimization projects, improving efficiency and reliability for a 90K sq. ft. IT manufacturing facility, demonstrating early leadership and systematic problem-solving skills.
- Managed two internal department operations end-to-end, overseeing budgets and ensuring quality standards, an experience that directly translates to owning project scope and deliverables in software engineering.

EDUCATION

Flatiron School — Fullstack Software Engineering Intensive

Northeastern University — M.S. Industrial Engineering

Harvey Mudd College — B.S. Engineering (Computer Systems)