

# Matt Almeida

## SOFTWARE ENGINEER · PRODUCT & PRODUCTION SYSTEMS

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## PROFILE

RIT Computer Science student and production Rails engineer experienced across application architecture, infrastructure, and incident response. Drawn to teams where ideas can come from anyone, decisions are reasoned clearly in writing, and the people closest to the work can carry solutions from proposal through production. Seeking a co-op in summer 2027.

## EDUCATION

### Rochester Institute of Technology — Bachelor of Science in Computer Science

Expected 2029

## EXPERIENCE

### Different Roads to Learning, Remote — Web Development Contractor

2024–Present

- Built and operate Socially Savvy's paid Rails assessment platform as its sole technical owner, spanning product architecture, feature delivery, hosting, and production support.
- Shipped assessment-agnostic data models, reports, progress analytics, licensing, self-service exports, and a legacy-data migration across 70 merged pull requests.
- Maintain its SQLite-backed production stack, including Linux deployment, transactional email, observability, backups, dependency upgrades, security hardening, and incident response.

### The Hack Foundation, Shelburne, VT / Remote — Software Engineering Intern / Maintainer

Internship: Summer 2023 · Volunteer maintenance: 2023–Present

- In six weeks, built core backend features for Hack Club's Rails hackathon directory and public API, including domain models, geocoding, passwordless authentication, and location-based subscriptions.
- Shipped billing-address integration and validation handling with Stripe, plus preferred/legal-name support, in HCB—the Foundation's financial platform for fiscally sponsored nonprofits.
- Further maintain the Hackathons backend as a volunteer, with 230+ merged pull requests spanning Rails/PostgreSQL upgrades, CI/deployment tooling, background jobs, authentication, and reliability.
- Documented a card-testing incident in HCB and evaluated mitigations including rate limits, IP blocking, and temporarily disabling unauthenticated donations.

### McDonald's, Newton, MA — Crew Trainer (2022–2025)

- Promoted to Crew Trainer; trained new hires and resolved customer issues during high-volume shifts.

## OPEN SOURCE & PROJECTS

### Ruby on Rails — Contributor

2023–2025

- Merged four pull requests into Ruby on Rails, including adding jemalloc to generated production Dockerfiles and excluding SQLite system tables from schema dumps.

### The Kingdom — Production Homelab

- Built and operate a self-hosted lab on Proxmox and mirrored ZFS with segmented networking via OPNsense, Caddy/ACME, Tailscale, and Cloudflare.
- Instrumented host and network telemetry with Suricata, Wazuh, VictoriaLogs, VictoriaMetrics, and Grafana; maintain local and offsite backups.

## CREDENTIALS & SKILLS

### FCC Amateur Radio License — General Class

**Languages & frameworks:** Ruby, Rails, SQL, JavaScript, Python, Java, Kotlin, Go, Bash

**Data & systems:** PostgreSQL, SQLite, Linux/Debian, Docker, Postfix, Git