

AJ Tran

Software Engineer

Atlanta, Georgia

(678) 350-1727

[ajtrandev@gmail.com](mailto:ajtrandev@gmail.com)

<https://linkedin.com/in/ajtran-dev/>

<https://github.com/ajtran303>

---

Full-stack engineer, strongest in Ruby. Comfortable working across Python, TypeScript, and Java. Scales systems, modernizes legacy code, and ships clean architecture with real test coverage.

## Technical Skills

<b>Backend:</b>	Ruby (Rails, RSpec), Java (Dropwizard, Dagger, JUnit)
<b>APIs:</b>	GraphQL, REST
<b>Fullstack JS:</b>	TypeScript, React, Next.js, Node.js, Express, Jest
<b>DevOps &amp; Cloud:</b>	Terraform, Docker, Kubernetes, Argo CD, Jenkins, AWS, Azure
<b>Databases &amp; Messaging:</b>	PostgreSQL, MySQL, MongoDB, Redis, Kafka

## Professional Experience

### Software Engineer – New Relic | Oct 2021 – Present

- Delivered a GraphQL API handling 6,000+ daily requests for a key enterprise customer
- Refactored Rails 3 monolith into Rails 7 service-oriented architecture, cutting 10K+ lines of debt and accelerating feature delivery
- Scaled Java telemetry platform's metric data pipeline with striping architecture to support infinite ingest, unlocking larger customer onboarding
- Raised test coverage to 95%+ across Ruby and Java services; built observability and alerting for sub-5-minute MTTA
- Mentored 2 junior engineers while shipping a CLI tool to scaffold Rails GraphQL APIs
- Integrated AI tools (Claude, Gemini) into code review workflow, improving team velocity by 20%

## Additional Experience

**JavaScript TA – Grand Circus** – Mentored 20+ bootcamp students via live code reviews and tutoring, helping them build portfolio-ready projects; Co-taught full-stack TypeScript/React/Node/MongoDB curriculum across two 6-month cohorts

**Python Instructor – Treehouse** – Produced 3 Python courses (8+ hours) on data structures, analysis, and visualization; Wrote scripts, designed hands-on projects, and delivered screencasts for self-paced learners

## Projects

### **Lyrical Analysis** | Python, Flask, PostgreSQL, Celery, Redis | [Live Demo](#) | [GitHub](#)

Natural Language Processing app analyzing lyrics for themes, sentiment, and emotions in 8 categories; Resilient lyrics pipeline with circuit breakers and multi-source fallback; Async pipeline for 30-60s analyses

### **LearnForge Learning Management System** | Rails, PostgreSQL, Hotwire | [Live Demo](#) | [GitHub](#)

Course authoring, enrollment, progress tracking; Real-time UI with Turbo Frames and Streams