Andrew Galvin

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Education

Wentworth Institute of Technology **Boston, MA**
Master of Science in Applied Computer Science ***4.0 GPA*** *2022–2023*
Concentration in Artificial Intelligence and Machine Learning
Related Courses: Classical AI, Modern Computing, Machine Learning

Wentworth Institute of Technology **Boston, MA**
Bachelor of Science in Computer Science; Minor in Applied Math **3.6 GPA** 2018–2022
Related Courses: Data Structures, Algorithms, Data Science, Discrete Math
Dean's List: Fall 2018 - Spring 2022

Skills

Languages: Java, Go, Python, TypeScript, JavaScript, SQL
Frameworks & Tools: Angular, Node.js, React, REST APIs, PostgreSQL, AWS, Docker, CI/CD, Git, SonarQube, Electron, Stripe

Work Experience

Center Stage, LLC Remote
Senior Software Engineer April 2026–Present
- Architect and operate a fleet of Go microservices powering inventory management at scale for a high-volume ticket resale operation, owning systems end to end from design through deployment and production operation
- Design real-time market monitoring platforms that turn noisy, rate-limited marketplace data into actionable buying signal, surfacing what to buy, where, and when
- Build LLM-powered internal tooling that pairs local models with human review workflows, accelerating decisions while keeping outputs auditable
- Drive an AI-first development workflow (Claude, Cursor, Codex) to ship production systems rapidly while upholding code quality and test coverage standards

Fidelity Boston, MA
Software Engineer January 2025–April 2026
- Led the design and implementation of internal platforms to streamline production deployments, delivering impactful improvements beyond day-to-day feature work
- Acted as a de facto technical lead during periods of transition, guiding system design decisions, mentoring teammates through code reviews, and maintaining delivery continuity across complex, multi-service initiatives
- Proactively resolved production issues by performing root cause analysis, leading cross-functional investigations, and implementing durable fixes to prevent recurrence in high-impact environments
- Drove engineering excellence through rigorous code reviews and testing strategy improvements, strengthening requirements definition, validating edge cases early, enforcing test coverage standards, and improving developer efficiency through modern tooling
- Recognized as a trusted cross-team contributor, frequently invited to high-level design discussions to provide architectural input and help teams converge on well-reasoned technical solutions

Fidelity Boston, MA
Associate Software Engineer June 2023–December 2024
- Implemented CI/CD pipelines for Java and Python services, collaborating with DevOps to evaluate pipeline architectures and establish reusable, well-documented foundations for future projects
- Improved engineering standards by standardizing build enforcement and dependency management, enabling more consistent and reliable development practices across teams
- Owned and delivered platform-focused work including role-based access configuration, service upgrades, and cross-system integrations, serving as a reliable point of contact during team transitions
- Strengthened acceptance and component testing strategies while promoting a design-first mindset through code reviews and technical discussions

Projects

Ticket Monitor — High-throughput event availability monitoring platform
- Designed and built a distributed monitoring system for Ticketmaster events, processing around **50M+ requests per day** with high reliability and low latency
- Implemented concurrency controls, rate limiting, and fault-tolerant retry mechanisms to ensure sustained performance under heavy load

- Developed alerting and notification pipelines to surface in-stock events in near real time for active users

eSnipe — eBay monitoring and alerting platform (esnipe.app)

- Built and operate a production monitoring platform serving 194 active users across web, native iOS, and Android apps
- Track 285 user-configured searches daily on polling cadences from every 5 seconds to every 60 minutes
- Designed systems to respect strict external API constraints while maintaining data accuracy and reliability