

Anthony Tabano

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Senior Full-Stack Software Engineer with over 12 years of experience architecting, building, and delivering scalable enterprise applications using Java, Spring Boot, TypeScript, and Angular. Proven track record of leading platform-wide migrations, optimizing system performance, and mentoring high-performing engineering teams in Fortune 500 environments.

Technical Expertise

BACKEND	Java, Spring Boot, GraphQL, PostgreSQL, SQL Server, MongoDB, Kafka, RabbitMQ, Redis
FRONTEND	TypeScript, Angular, Nx/Turborepo, Single-SPA Micro-frontends, React, RxJS, NgRx, Storybook
CLOUD / DEVOPS	Kubernetes, Docker, GitHub Actions, Azure DevOps, AWS, Datadog, CI/CD Pipelines
ADDITIONAL	Next.js, Python, C#, Cypress, Playwright, JUnit, Mockito, Spock, Webpack

Professional Experience

Senior Software Engineer & Manager

buildit • Remote

Jan 2022 – Present

Client Engagement: Senior Software Engineer at Fortune 5 Healthcare Enterprise

- Pioneered and architected the client's first NX monorepo from concept to completion, scaling it to over 150 shared libraries. This foundational initiative established a stable, modern ecosystem for all UI development, unified design standards, and drastically reduced regression bugs across the enterprise.
- Introduced and championed the adoption of Single-SPA parcels, transforming legacy frontend modules into on-demand, dynamically loaded components. This architectural innovation significantly reduced initial page load times and improved overall application responsiveness for end-users.
- Drove backend development by engineering high-performance Java APIs to power new features within existing enterprise platforms, including the business rules and dynamic questionnaire engines.
- Enhanced platform-wide reliability by diagnosing and resolving dozens of critical production bugs and performance bottlenecks, while systematically hardening application security against threats like SSRF and KEVs.
- As a Manager at buildit, was formally responsible for a team of other engineering managers and senior engineers, guiding their career development and performance reviews. Successfully balanced these internal leadership duties while serving as a fully billable, hands-on Senior Engineer on the client engagement.

Senior Full Stack Engineer

iptiQ by Swiss Re • Armonk, NY (Hybrid)

Aug 2020 – Jan 2022

- Directed an international team of 8 engineers in architecting and delivering a B2B2C life insurance sales SDK (Spring Boot & Angular), successfully reducing third-party partner integration time from weeks to just days.
- Re-architected a monolithic enterprise application into a scalable, event-driven system of microservices using RabbitMQ and Kubernetes, improving system resilience and uptime for high-traffic business partnerships.

- Drove a company-wide modernization effort by upgrading core frameworks for over 10 legacy applications, which significantly enhanced system stability, performance, and long-term maintainability.
- Proactively identified and led the remediation of over 50 critical security vulnerabilities across the application portfolio, safeguarding sensitive customer data and ensuring compliance with enterprise security standards.
- Established and scaled fully automated CI/CD pipelines in Azure DevOps for an organization of over 100 engineers, creating standardized and highly reliable release processes across multiple product lines.

Senior Software Engineer

AutoNation • White Plains, NY

Jan 2019 – Aug 2020

- Architected and delivered a multithreaded Spring Batch application to replace a legacy inventory system, slashing nightly data synchronization time for 300+ dealerships from over 5 hours to under 15 minutes.
- Owned the end-to-end development of a critical e-commerce feature, leading the full-stack integration of a third-party supplier API from architectural design and database modeling to backend and frontend implementation.
- Designed and developed core RESTful microservices (Spring Boot, AWS) for quotes, orders, and parts, fundamentally improving the e-commerce platform's scalability, stability, and maintainability.

Software Engineer & Supervisor

Teachers College, Columbia University • New York, NY

Dec 2016 – Jan 2019

- Engineered and deployed a key financial automation tool that integrated with the Banner ERP system, eliminating over 20 hours of manual data entry and reconciliation for the finance department monthly.
- Led the complete product lifecycle as the sole engineer for a new online payment platform, from initial stakeholder requirements gathering and architectural planning to final implementation and university-wide rollout.
- Supervised a team of data analysts and developed a comprehensive SQL training program, empowering staff with self-service reporting capabilities and significantly reducing IT support requests.

Aerospace & Software Engineer

Sikorsky, a Lockheed Martin Company • Stratford, CT

Aug 2013 – Dec 2016

- Successfully pivoted from aerospace to software engineering by independently mastering C#, Python, and SQL to build custom data processing and automation tools, saving hundreds of engineering hours annually.
- Applied a rigorous engineering mindset to analyze flight computer telemetry and aircraft sensor data, predicting component failures and driving design improvements for the CH-53K and S-92 helicopter programs.

Education & Certifications

Master of Science, Computer Science
Bachelor of Science, Aerospace Engineering
Bachelor of Science, Management
FAA Private Pilot License

Sacred Heart University
Embry-Riddle Aeronautical University
SUNY Morrisville