Anthony Tabano

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Senior Software Engineer with 12+ years of experience translating complex requirements into mission-critical solutions. Expertise includes defining architectural roadmaps and delivering scalable solutions using Java, Spring Boot, and TypeScript in cloud-native environments. My background in Aerospace Engineering provides a rigorous, methodical approach to solving challenges in demanding, high-stakes environments.

Technical Expertise

BACKEND	Java (11+), Spring Boot, Spring Framework (Core, Security, Batch), GraphQL, REST APIs, Apache Camel
FRONTEND	TypeScript, Angular (11+), Next.js, Nx/Turborepo Monorepos, Single-SPA Micro-frontends, RxJS, NgRx, Storybook
DATA & MESSAGING	PostgreSQL, SQL Server, MongoDB, Redis, Kafka, RabbitMQ, AWS SQS
CLOUD & DEVOPS	Kubernetes (K8s), Docker, Helm, GitHub Actions, Azure DevOps (Pipelines), AWS, Azure, Datadog
ADDITIONAL	Python, NestJS, Node.js, Cypress, Playwright, JUnit, Mockito, Webpack

Professional Experience

Senior Software Engineer & Manager

buildit • Remote   *Jan 2022 – Present*

Client Engagement: Senior Software Engineer at Fortune 10 Healthcare

- Pioneered the client's first Nx monorepo from concept to rollout, scaling to 150+ shared libraries and establishing a modern UI ecosystem that ensured a more stable and predictable release cycle.

- Transformed legacy frontend modules into on-demand, dynamically loaded components by introducing Single-SPA parcels, an architectural shift that significantly improved key application performance metrics.

- Built high-performance Java APIs to power core business functions, including the enterprise rules and dynamic questionnaire engines, enabling new self-service capabilities for business users.

- Engineered production-grade CI/CD pipelines from scratch using GitHub Actions, Helm and Kubernetes, replacing a high-risk manual process and enabling consistent, zero-downtime releases.

- Managed a team of 3 engineering managers and their 15 indirect reports, owning career development and performance reviews while remaining fully billable as a hands-on Senior Engineer on the client engagement.

Senior Software Engineer

iptiQ by Swiss Re • Armonk, NY (Hybrid)   *Aug 2020 – Jan 2022*

- Led an international team of 8 engineers to design and deliver core B2B2C life insurance sales SDKs, enabling third-party platforms to seamlessly integrate products to their customers using Spring Boot and Angular.

- Improved system resilience and uptime for high-traffic partnerships by enhancing an event-driven microservices platform with RabbitMQ and Kubernetes.
- Spearheaded multi-quarter modernization of 10+ legacy applications, upgrading Angular 8→12 and Spring Boot 2.1→2.5 to eliminate critical technical debt and resolve 50+ security vulnerabilities.
- Defined the engineering department's Git branching strategy and scaled automated CI/CD pipelines in Azure DevOps for 100+ engineers, establishing standardized release processes across multiple product lines.

Senior Software Engineer

AutoNation • White Plains, NY   *Jan 2019 – Aug 2020*

- Reduced nightly data synchronization for 300+ dealerships from over 5 hours to under 15 minutes by replacing a legacy inventory ERP with a multithreaded Spring Batch application.
- Led the end-to-end integration of a major third-party parts supplier, creating a critical e-commerce channel with new architecture, inventory sync, and frontend product visualization.
- Streamlined labor and parts data retrieval by building scalable RESTful microservices with Apache Camel, Spring Boot, and AWS SQS, enhancing system responsiveness and delivering new taxonomy-driven features.

Software Engineer & Supervisor

Teachers College, Columbia University • New York, NY   *Dec 2016 – Jan 2019*

- Eliminated 40+ hours of manual data entry and reconciliation per month by building and deploying a financial automation tool integrated with the Banner ERP system.
- Delivered a tuition benefits payment platform as the sole engineer using Spring Boot and Angular; owning the full lifecycle from stakeholder discovery and architecture to university-wide rollout.
- Supervised a team of 3 data analysts and created a SQL training program, enabling self-service reporting and significantly reducing IT support requests.

Aerospace & Software Engineer (Multiple Roles)

Sikorsky, a Lockheed Martin Company • Stratford, CT   *Aug 2013 to Present*

- **Software Engineer:** Built C# applications for project management automation and Oracle PL/SQL solutions for analytics. Created Tableau dashboards and performed statistical analysis with SPSS and JMP.
- **Aerospace Engineer:** Managed component testing on flight test aircraft and updated system configurations. Worked with CATIA for assembly design and coordinated project milestones to ensure on-time delivery.

Education

Master of Science, Computer Science (3.981 gpa)	Sacred Heart University
Bachelor of Science, Aerospace Engineering	Embry-Riddle Aeronautical University
Bachelor of Business Administration	SUNY Morrisville
Pilot License	Federal Aviation Administration