

DAVIN LAIACOMA

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SENIOR SOFTWARE ENGINEER | JAVA & SPRING BOOT | BACKEND ARCHITECTURE | TECHNICAL LEADERSHIP

PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Lead with 9 years of experience building enterprise healthcare and insurance applications. Experienced in Java, Spring Boot, REST APIs, distributed service integrations, asynchronous messaging, and application security. Architected a critical address service handling **200+ calls per second**, reduced centralized gateway traffic by **60%**, and enabled centralized RBAC across **16+ Java services**. Leads technical design and delivery for platforms supporting **15,000+ daily users**, with additional hands-on experience building an AI-enabled engineering health tool.

TECHNICAL SKILLS

Backend: Java, Spring Boot, Spring Web / Spring MVC, REST APIs, Python, FastAPI

Architecture: Distributed systems, API orchestration, asynchronous messaging, service integrations

Security: Spring Security, Okta, token-based authentication and authorization, RBAC

Data & Messaging: MongoDB, Spring Data MongoDB, PostgreSQL, Oracle SQL, IBM MQ, Kafka

Testing & Build: JUnit 4/5, Mockito, Maven, test-first development, code reviews

Cloud, UI & AI: AWS, OpenShift, Kubernetes, React.js, JavaScript, OpenAI Python SDK

Observability & Tools: Dynatrace, Splunk, Git, GitHub, AI-assisted developer tooling

PROFESSIONAL EXPERIENCE

EVERNORTH HEALTH SERVICES (CIGNA / EXPRESS SCRIPTS)

Software Engineer – Team Lead | 2017–Present

Address Platform | High-Volume Java / Spring Boot Service

- Architected a critical REST service handling **200+ calls per second** for member address creation, updates, deletion, and validation in home-delivery prescription workflows.
- Orchestrated member, benefit, and USPS Code 1 address-validation API calls before invoking RDMQ for asynchronous address-change processing. Applied a test-first development approach to validate service behavior and integrations.

User Administration API | Centralized Access Control

- Collaborated with the principal architect to build a Java/Spring Boot REST API for user and application-access management, supporting GET, POST, PUT, and DELETE operations.
- Integrated Okta token-based authentication and authorization with MongoDB-backed user, role, permission, and client-access data. Enabled centralized role-based access control across **16+ Java services**.

Gateway Re-Architecture | 60% Traffic Reduction

- Re-architected React.js static-asset delivery through external AWS DMZ deployments while retaining existing gateway routing for backend API calls.
- Reduced traffic through the centralized gateway by **60%** and enabled a path toward client-facing access while preserving the existing backend API route.

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EVERNORTH HEALTH SERVICES | EXPERIENCE CONTINUED

Mission-Critical Customer Contact Platform

- Contributed from initial development to a ground-up customer contact platform that replaced a legacy tool, then continued building and maintaining features as it evolved in production. The platform supports **15,000+ daily users** across member-account, claims, prescription-order, and order-status workflows.
- Worked within an enterprise environment of **50+ microservices** and **5+ enterprise APIs** supporting insurance updates, home-delivery prescriptions, and claims support, including key prescription order-status flows.
- Delivered features across cart and payment, address and web-profile management, prescription views, and Okta-based authentication.

TECHNICAL LEADERSHIP & DELIVERY

- Led a team of **8 engineers and 2 QA professionals**, with responsibility for technical design and coordinating implementation and feature delivery across multiple engineers for over a year.
- Partnered with product owners and business stakeholders to size stories, weigh cost and technical impact, assign implementation work, decompose requirements into actionable tasks, and oversee tested feature delivery against Agile timelines.
- Mentored and onboarded engineers; reinforced quality through code reviews, coding standards, QA collaboration, and production troubleshooting.

AI ENGINEERING & FULL-STACK DEVELOPMENT

AI Engineering Health Platform | Sole Developer

- Designed and developed an internal engineering health platform using **Python FastAPI, React.js, and PostgreSQL** to centralize technical-debt initiatives and rollout tracking.
- Integrated AI chatbot capabilities using the OpenAI Python SDK and a company knowledge store containing historical actions and summaries.
- Simplified technical-debt rollouts, including Splunk-to-Dynatrace migration initiatives, by centralizing campaign visibility, updates, and progress tracking.
- Integrated Git repository version and release information to support campaign updates and release planning. Automated pull-request creation using predefined changes, while developers retain responsibility for completing and validating migrations.
- Added support for applying AI SKILLS.md instruction files directly to repositories.

ADDITIONAL ENGINEERING EXPERIENCE

- Developed and maintained Java/Spring Boot services with REST APIs, business logic, database access, and integrations across healthcare and insurance workflows; used Spring Security, Spring Data MongoDB, JUnit, Mockito, and Maven.

EDUCATION

SAINT MICHAEL'S COLLEGE | Colchester, VT

Bachelor of Science in Computer Science