

Devin Martinolich

PROFESSIONAL SUMMARY

Senior software engineer building practical AI platform capabilities, developer enablement, and enterprise knowledge systems. Built and rolled out an internal AI springboard used by more than 30 developers, testers, and supervisors; designed relational/vector knowledge systems with retrieval workflows, knowledge graphs, HTTP, MCP, and CI/CD freshness automation. Brings Spring Boot, AWS/serverless, API integration, system mapping, and regulated-insurance delivery experience to enterprise AI platform work.

CORE COMPETENCIES

AI Platform Enablement

Retrieval & Knowledge Systems

Vector Storage & Knowledge Graphs

MCP & HTTP Access

Developer Enablement

CI/CD Automation

System Mapping & Blast-Radius Analysis

Regulated Enterprise Delivery

WORK EXPERIENCE

NYCM Insurance

March 2019 - Present

Java Application Developer II, Mobile Software Developer II, Mobile Software Developer III | Edmeston, NY

- Built and rolled out an internal AI springboard used by more than 30 developers, testers, and supervisors to support practical AI adoption and developer enablement.
- Designed an app development knowledge base with relational and vector storage, retrieval workflows, knowledge graphs, domain graphs, project narratives, HTTP, and MCP access.
- Added CI/CD automation to keep the knowledge base current and used system mapping to understand blast radius across interconnected services.
- Owned Android development for insured-facing and internal products, delivering production software in a regulated insurance environment.
- Partners with CX and product to shape features, refine workflows, and deliver high-priority initiatives across engineering and business stakeholders.
- Leads company training on agentic AI tools, prompt usage, and developer productivity workflows.
- Supports junior iOS developers on frameworks, architecture patterns, and implementation choices.
- Migrated legacy WebSphere applications to Liberty as part of platform modernization work; delivered projects recognized for department-level quality and business impact.

Earlier Experience

Prior Experience

Android, .NET, IT Operations & Business Development | New York

- Built Android and C# .NET tooling, modernized legacy retail and mobile software, and supported mobile DevOps at FasTraxPOS.
- Managed IT operations, infrastructure support, and network/server administration at SC Choice Management while contributing to business development.
- Managed day-to-day IT support and technical operations at Directive.
- Performed PC technician work and laptop/mobile hardware repair at Edison Computers.

PROJECTS

App Development Knowledge Base

Enterprise AI Platform

Designed an internal knowledge system with retrieval workflows, domain graphs, project narratives, API access, and automation to keep engineering knowledge current.

Relational storage, vector storage, knowledge graphs, HTTP, MCP, CI/CD

Internal AI Springboard Developer Enablement

Built and rolled out an internal AI springboard used by more than 30 developers, testers, and supervisors to make practical AI workflows usable across teams.

Agentic AI tools, prompt usage, training, adoption support

NYCM Insureds App Production Mobile Platform

Rebuilt the original webview app into native iOS and Android workflows for claims, policy management, uploads, payment plans, documents, and ID cards; 22.6K production installs and 0.98% user-perceived crash rate.

Native iOS and Android

FTx Handheld Production Utility App

Rebuilt a legacy Windows CE app for retail and warehouse operations and managed a small offshore team delivering service and mobile software.

C# .NET REST APIs, native Android Java

EDUCATION

Dual major: Computer Science and Mathematics | SUNY Oneonta, Oneonta, NY

Major: Network Administration | ITT Tech, Syracuse, NY

AWARDS & HONORS

Department recognition for project quality and business impact	NYCM Insurance
Sustained merit progression, including 8.25% and 8.5% increases in 2021 and 43.1% cumulative growth	NYCM Insurance 2019-2025

SKILLS

- AI Enablement:** Agentic AI workflows, developer training, prompt usage, adoption support, internal AI tooling
- Developer Productivity:** Internal knowledge systems, retrieval workflows, workflow automation, architecture guidance, team enablement
- Platform & Systems:** Spring Boot, CI/CD, AWS, serverless systems, operational tooling, system mapping, blast-radius analysis
- APIs & Integration:** HTTP, MCP, REST APIs, knowledge graphs, vector storage **Programming:** Java, Kotlin, Swift, C# .NET, JavaScript, PHP
- Mobile & Product Delivery:** Android, iOS, native app architecture, feature collaboration, release coordination