

SUMMARY

Full stack engineer with 7+ years building secure, scalable platforms across Java/Spring, TypeScript, and Azure. Experienced in developing high-traffic authentication flows and responsive UIs for millions of users. Recently pivoted into AI engineering and won 2 hackathons building agentic systems, RAG pipelines, and LLM-powered tools. Passionate about team building, teaching others, and shipping production AI.

HIGHLIGHTS

- 7+ years developing scalable B2C platforms with modern frontend frameworks and accessible, performant UI design. (JavaScript/TypeScript, REST, Responsive Web Design, CI/CD).
- 5+ years using AWS and Azure for cloud-based deployments and database management.
- 5+ years managing high-traffic authentication systems with secure practices: rate limiting, nonce validation, whitelisting, input validation.
- Active AI builder: 2 hackathon wins (AWS Agentic AI, Daytona HackSprint), experience with LLMs, RAG pipelines, agentic systems, and MCP.

EXPERIENCE

Software Engineer

Gen

 Nov 2020 – May 2025  Culver City, CA (Remote)

- Enhanced front-end applications with Thymeleaf to improve security settings and user profile pages, increasing end-user NPS metrics by 20 points.
- Built a login activity alert system to detect suspicious access and notify users in real time.
- Managed high-traffic Spring Boot microservices for authentication and profile access, supporting over 300k daily API requests for login and 50k for user profile data with consistent up-time and responsiveness.

Software Engineer

NortonLifeLock

 Sep 2018 – Nov 2020  Herndon, VA

- Implemented data validation pipelines for a Cassandra to AWS Dynamo migration, verifying over 2 petabytes of user data during the transition.
- Developed the User Profile SPA using Angular and Java, which now serves as the central interface for millions of users to view and manage account information.
- Introduced Cucumber-based ATDD practices, increasing automated test coverage by 10% and reducing feature rework by 40%, ensuring full alignment with stakeholder requirements.

Associate Software Engineer

REI Systems

 May 2017 – Aug 2018  Sterling, VA

- Built reusable Angular modules in collaboration with the component team to support a scalable and maintainable front-end architecture.
- Practiced Behavior-Driven Development (BDD) to meet client specifications and uphold strict quality standards.
- Reduced QA testing time by 40% by implementing a Selenium-based automated test suite, enabling faster regression cycles and earlier defect detection.

AI PROJECTS & HACKATHON WINS

**1st Place — AWS Agentic AI Hackathon** : Built clinical trials recommendation agent using AWS Bedrock, semantic search over clinicaltrials.gov data, and WRITER’s Palmyra x5 model to match patients with relevant trials based on health data.

**1st Place (Sentry) — Daytona HackSprint** : Created Sentralert—an intelligent alert agent using DeepWiki MCP for codebase analysis, Sentry Discover API for metrics, and Claude Haiku to synthesize actionable alert recommendations with human-in-the-loop approval.

**tau2-bench-agent** : Forked tau2-bench to integrate A2A protocol and ADK for agentic evaluations (AgentBeats competition).


**glutton** : RAG pipeline using Docling for document chunking, embedding generation, and Weaviate vector storage.

**wutims.com** : Personal blog exploring AI-assisted frontend development with neobrutalist design.

EDUCATION

B.S. in Computer Science

University of North Carolina at Chapel Hill

 2013 – 2017  Chapel Hill, NC

SKILLS

Java

TypeScript

Python

Agentic Systems

Context Engineering

LLMs

RAG

MCP

A2A

React

Spring

Node

REST

AWS

Azure

Bedrock