

Gaurav Shilpakar

gauravshilp48@gmail.com • +1-806-786-9349

Legally Allowed to work in US without Sponsorship (GC Holder) • www.linkedin.com/in/gaurav-shilpakar

EXPERIENCE

DataQuest Corp - Client: MetLife

Full Stack Developer

Jan 2024 – Present

Cary, NC

- Modernized a legacy insurance servicing platform (CDF) by migrating core onboarding and policy workflows from .NET/Citrix to Java Spring Boot microservices on Azure AKS, improving customer onboarding efficiency by ~30% and increasing stakeholder satisfaction through faster turnaround times.
- Built and owned backend automation services for plan creation, structure configuration, billing setup, and customer management, reducing manual processing and agent intervention via API-driven, self-serve workflows.
- Designed and implemented 6 domain-aligned microservices, enabling scalable, independently deployable backend systems by exposing RESTful APIs for plan, structure, customer, billing, and shared reference services.
- Optimized high-impact DB2 queries, reducing API response times by ~93% (45s → 3s) by rewriting SQL using Common Table Expressions (CTEs) and window (sliding) functions with MyBatis for complex insurance data models.
- Developed secure, production-grade APIs, supporting thousands of internal users by implementing JWT-based authentication, role-based authorization, and Spring Security, aligned with enterprise insurance and PII standards.
- Enabled fast iteration and frequent releases, supporting multiple deployments per sprint by containerizing services with Docker and deploying through Azure DevOps CI/CD pipelines to AKS.

DataQuest Corp - Client: Credit Suisse

Full Stack Developer

Sep 2021 – Oct 2023

Morrisville, NC

- Modernized legacy batch and trade-processing systems by migrating EOSL workloads to containerized services on AWS OpenShift, improving scalability, resiliency, and operational stability.
- Built high-throughput, event-driven backend services, processing 10,000+ trade affirmation messages per minute using Kafka Producers, Consumers, Streams, and Spring Boot, enabling reliable CNS trade backfills.
- Designed backend pipelines for asynchronous processing, persisting data across Oracle and MongoDB to support large-scale reconciliation and settlement workflows.
- Reduced manual effort by over 90% by automating log analysis and validation workflows using Java-based scripts and Splunk integrations.
- Strengthened cloud-native delivery practices by containerizing services with Docker, deploying on EKS, and integrating Terraform with CI/CD pipelines for repeatable infrastructure and deployments.

EDUCATION

University of the Cumberlands, Williamsburg, KY

2025

Master's in Information Technology (GPA - 3.9)

Texas Tech University, Lubbock, TX

2021

Bachelor of Science in Computer Engineering (GPA - 3.8)

SKILLS

- Core Languages: Java (8, 17, 21), JavaScript (ES6+), TypeScript, Python, MATLAB, R
- Backend & APIs: Spring Boot, Spring Security, Spring Data JPA, Hibernate, RESTful API, Kafka
- Frontend: React, Expo, React Native, Angular, HTML5, CSS3
- Cloud & DevOps: AWS (EC2, EKS, S3, RDS), Azure (ACR, AKS), Docker, Kubernetes, CI/CD
- Data & Observability: Oracle, DB2, PostgreSQL, MongoDB, Splunk, ELK Stack, CloudWatch