




Adithya Suresh

Dallas, TX — ✉ adithyasuresh470@gmail.com — (940) 594-9081 —  LinkedIn —  GitHub —  Portfolio

Professional Summary

Software Engineer with **4+ years of professional experience** designing, developing, and supporting enterprise-grade software systems across backend, API, and platform layers. Proven expertise in building and maintaining **Java-based applications**, RESTful services, and data-driven workflows, with a strong focus on system reliability, performance optimization, and production readiness. Experienced in modernizing legacy systems, resolving complex production issues, and delivering scalable solutions in **Agile/Scrum environments**. Hands-on background in cloud platforms, databases, and CI/CD pipelines, combined with a track record of collaborating across cross-functional teams to deliver high-impact, customer-focused solutions. Currently pursuing an **M.S. in Information Science**, with continued emphasis on system design, cloud-native development, and software engineering best practices.

Education

University of North Texas

M.S. in Information Science

Expected May 2026

CGPA: 3.9/4.0

Jeppiaar Engineering College

B.E. in Electronics & Communication Engineering

May 2020

Technical Skills

Languages:	Java, Python, Go, JavaScript/TypeScript, C#, C++, SQL
Backend & APIs:	Spring Boot, Node.js, RESTful APIs, Microservices
Databases:	PostgreSQL, MySQL, Oracle, MongoDB
Cloud & DevOps:	AWS (Lambda, S3, RDS, SQS), Docker, CI/CD, Git
Tools:	Postman, Splunk, Jira, ServiceNow

Experience

Ernst & Young

Software Engineer

Oct 2022 – Jul 2024

- Played a key role in modernizing large-scale **Java-based enterprise applications**, contributing to a successful platform upgrade across multiple environments
- Refactored and merged **100+ customized backend components** (Java services, configuration files, UI artifacts), ensuring compatibility and stability during major version upgrades
- Identified and resolved **50+ build and compilation issues** across Java services and supporting components, restoring functional parity and build stability
- Migrated application logging from legacy configurations to **Log4j-based structured logging**, improving observability, diagnostics, and production monitoring
- Designed and implemented **RESTful APIs** using Java-based frameworks, defining schemas, request/response mappings, and handler logic
- Migrated backend integrations from legacy middleware to **native REST-based Java services**, reducing external dependency costs and improving maintainability
- Optimized backend batch-processing workflows by introducing **configurable processing parameters**, improving throughput and execution efficiency by **30%**
- Upgraded and enhanced **backend API versions**, ensuring backward compatibility, improved security, and reliable data exchange
- Integrated Java services with multiple **third-party systems** to support end-to-end business workflows
- Resolved complex backend configuration and integration issues with a **75% faster turnaround**, improving system reliability and release velocity
- Delivered **technical walkthroughs and demos** to stakeholders, explaining backend architecture changes and API enhancements
- Mentored **3+ junior engineers** on Java best practices, backend debugging, and clean code principles

Ernst & Young

Associate Software Engineer

Apr 2020 – Oct 2022

- Supported **Java-based production systems**, focusing on backend stability, data consistency, and runtime issue resolution
- Diagnosed and resolved **30+ database consistency and integrity issues** through Java code fixes and SQL-based remediation scripts

- Developed and executed **Java and SQL utilities** to safely create, update, and delete database records in production systems
- Fixed **100+ high-severity backend defects** related to Java services, database interactions, and integration logic, improving uptime and release stability
- Implemented **input validation, exception handling, and business logic enhancements** in Java services, improving data accuracy by **15%**
- Reduced backend failures by **20%** by strengthening error handling, logging, and defensive programming practices
- Collaborated with **QA, DevOps, and product teams** in Agile/Scrum environments, supporting CI/CD-driven deployments across environments

Bharat Electronics Limited

Jul 2018 – Jan 2019

Student Intern

- Completed cross-functional training in testing, quality management, and engineering systems
- Assisted in hardware testing, inspection, defect analysis, and circuit-level system integration

Projects & Achievements

- **Healthcare AI Assistant (Dec 2025):** Built a clinically grounded AI assistant using multi-layer RAG architecture (dual-vector retrieval + GraphRAG), achieving **4.1/5 accuracy** across 400+ medical QA pairs
- **Spot Award – EY (Mar 2023):** Recognized for resolving critical production incidents and maintaining **99.9% uptime**
- **Client Recognition – EY (Feb 2022):** Automated enterprise workflow, reducing processing time by **50%**

Certifications

- Azure AZ-900 - Microsoft
- Splunk Fundamentals - Splunk
- Guidewire Associate & Guidewire Specialist – Guidewire