

Adithya Suresh

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Professional Summary

Software Engineer with 4+ years of experience building and scaling distributed systems, cloud-native services, and backend APIs. Strong expertise in Java, Python, Go, Node.js, AWS, and microservices architecture. Proven record of improving performance, reliability, and automation in enterprise environments. Currently pursuing an M.S. in Information Science.

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 <i>Software Engineer</i>	Oct 2022 – Jul 2024
• Reduced backend API latency by 25% by optimizing service-to-service integrations across distributed microservices	
• Automated cloud-based data pipelines using GOSU, SQL, and AWS , reducing manual operations by 40%	
• Improved system reliability by resolving 20+ database and logging failures , enhancing observability	
• Standardized exception handling and monitoring, accelerating resolution of 10+ weekly production incidents	
• Delivered scalable, client-facing REST APIs supporting enterprise production deployments	
Ernst & Young <i>Associate Software Engineer</i>	Apr 2020 – Oct 2022
• Fixed 100+ high-severity production defects , improving uptime and release stability	
• Enhanced billing and claims processing workflows, increasing data accuracy by 15%	
• Reduced application failures by 20% by strengthening exception handling and validation logic	
• Coordinated multi-environment CI/CD releases in agile development teams	
Bharat Electronics Limited <i>Student Intern</i>	Jul 2018 – Jan 2019
• 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