ADITHYA SURESH

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LinkedIn Profile|MyPortfolio

PROFESSIONAL SUMMARY

Versatile Software Developer and Data Enthusiast with over 4 years of experience designing backend systems, APIs, and automated data workflows. Currently pursuing an M.S. in Information Science at the University of North Texas, with a solid foundation in software engineering, data management, and DevOps practices. Skilled in Java, Python, C++, and SQL, with hands-on experience building and maintaining data pipelines for processing, transformation, and validation. Adept at writing scripts to automate file processing, data transfers, and workflow optimization to improve productivity and system efficiency. Proficient in Git, Jenkins, Docker, and cloud platforms, with strong communication skills and a collaborative mindset for delivering reliable, high-quality technical solutions.

EDUCATION

Master of Science - Information Science (Concentration: Information Systems)

University of North Texas | CGPA: **3.86** | Expected: **06/2026**

Bachelor of Engineering - Electronics and Communication Engineering

Jeppiaar Engineering College | Graduated: **05/2020**

TECHNICAL SKILLS

Programming & Frameworks: Java, Python, C#, Go, JavaScript/TypeScript, Node.js, Express.js, React.js, Spring Boot, Express.js, GOSU, Django

Data Management: Data pipeline development, ETL (Extract, Transform, Load) processes, data cleaning, transformation, and formatting, data validation, and quality control

Databases: PostgreSQL, Oracle, MySQL, MongoDB, query optimization, database modeling

Cloud & DevOps: AWS, Azure, GCP, Docker, CI/CD pipelines, Git/GitLab, Vercel

Testing & Reliability: Unit testing, integration testing, end-to-end testing, automated test frameworks

Tools & Monitoring: Jira, ServiceNow, Postman, Splunk, Tableau, AI-powered developer tools/LLMs (Cursor, coding copilots)

APIs: RESTful API design, integration, and testing (Postman, Swagger)

Concepts: Software Development Life Cycle (SDLC), Object-Oriented Programming, Internet Services, Managed Services, Containerization

Operating Systems: Windows, Linux/Unix, macOS

Core Strengths: Collaboration, problem-solving, agile development, peer-reviewed coding, secure design principles, fast learner in startup environments

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EXPERIENCE

Ernst & Young GDS, Chennai, India

Software Engineer (Software Developer) | 10/2022 – 07/2024

- Modernized logging systems from v8 to log4j.xml and resolved 20+ DBCC issues, improving efficiency and database reliability.
- Automated data workflows with GOSU/SQL scripts, reducing manual processing effort by 40%.
- Optimized API integrations, cutting processing time by 25% and improving interoperability.

- Standardized system exception logging, enabling faster incident resolution (10+ critical bugs weekly).
- Delivered a live API integration demo that secured client adoption and streamlined operations.
- Mentored 5+ junior developers, improving onboarding speed and team productivity.

Associate Software Engineer | 04/2020 – 10/2022

- Developed and deployed fixes for 100+ critical defects, enhancing stability and uptime.
- Improved billing accuracy by 15% via medical exposure and invoice workflow optimization.
- Configured PCF UI structures, improving workflow efficiency and user satisfaction.
- Strengthened exception handling, reducing failures by 20% and enhancing user experience.
- Coordinated multi-environment production releases, ensuring seamless deployments.

Bharat Electronics Limited

Student Internship | 08/2018 – 01/2019

- Cross-departmental training in Testing, Quality Management, and Development & Engineering.
- Assisted in testing, inspection, and defect identification; contributed to circuit design and system integration.

PROJECTS ,RESEARCH & ACHIEVEMENTS

- **Claim Management System (12/2024):** Designed database with 15+ tables, improving insurance claim data retrieval efficiency.
- **Wireless Charger for Pacemakers (06/2020):** Developed POC with mobile app connectivity for real-time monitoring.
- **Spot Award – EY (03/2023):** Resolved critical production issues, maintaining 99.9% uptime.
- **Client Recognition – EY (02/2022):** Automated workflow reducing processing time by 50%.

CERTIFICATIONS

- **MySQL for Data Analytics and Business Intelligence** – Udemy
- **Guidewire Associate & Guidewire Specialist** – Guidewire
- **Azure AZ900 Certification** – Microsoft
- **Splunk Fundamentals** – Splunk
- **Campus Connect Foundational Program** – Infosys