

## ADITHYA SURESH

Denton, Texas – 76201

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### PROFESSIONAL SUMMARY

Innovative Software Developer with **3.5 years of experience** in **insurance technology**, specializing in **software development, database management, and cloud computing**. Skilled in designing **high-performance applications**, optimizing **data workflows**, and enhancing **system scalability**. Currently pursuing a **Master's in Information Science (Information Systems concentration)** to expand my expertise in **data analytics, cloud technologies, and software engineering**. Seeking **Summer 2025 internships** in **Software Development or Data Analytics**.

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### EDUCATION

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

**University of North Texas** | GPA: **3.66** | Expected: **06/2026**

**Bachelor of Engineering - Electronics and Communication Engineering**

**Jeppiaar Engineering College** | Graduated: **11/2020**

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### TECHNICAL SKILLS

- **Programming Languages:** SQL, C/C++, Java, JavaScript, GOSU, python
  - **Databases:** Oracle, MySQL, PostgreSQL, MongoDB
  - **Version Control:** Git, GitLab
  - **CI/CD & Deployment Tools:** Jenkins
  - **APIs & Web Services:** REST, SOAP
  - **Log Monitoring & Cloud Technologies:** Splunk, Azure, GCP
  - **Project Management & Agile Tools:** Jira, Guidewire, Scrum, Agile
  - **Other Tools:** Tableau, Cisco Packet Tracer, Visual Studio, GitHub, ServiceNow
  - **Operating Systems:** Windows, macOS, Linux/Unix
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### PROFESSIONAL EXPERIENCE

**Ernst & Young GDS, Chennai, India**

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

- Led the **migration of logging properties from version 8 to log4j.xml** in version 10, improving system efficiency.
- Diagnosed and **resolved 20+ DBCC issues** through **code fixes and SQL scripts**.
- Established **standardized logging** and alerting practices for all system exceptions, ensuring consistent error reporting and facilitating rapid incident response by on-call engineers. Resolved **10+ critical bugs** per week.
- Engineered **automated GOSU and SQL scripts** for data processing, reducing manual efforts by **40%**.
- Analyzed and fixed **API integrations**, improving system interoperability and reducing data processing time by **25%**.
- Liaised with **business stakeholders** to analyze and resolve **critical defects**, ensuring smooth system operations.
- Presented a **live demo** on a new API integration, influencing client adoption and streamlining operations.

- **Trained and mentored** 5+ junior developers, boosting team productivity and onboarding efficiency.

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#### Associate Software Engineer | 04/2021 – 10/2022

- Developed and deployed **software fixes**, resolving **100+ critical defects** and enhancing system stability.
- Optimized **medical exposure functionalities** and **third-party service request invoice flow**, improving billing accuracy by **15%**.
- Configured **PCF structures** for UI components, enhancing user experience and workflow efficiency.
- Strengthened **exception handling mechanisms**, cutting system failures by **20%** and improving user experience.
- Orchestrated **production releases** across multiple environments, ensuring seamless deployment and system stability.

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#### PROJECTS & RESEARCH

##### Claim Management System | 12/2024

- Created a **database model with 15+ tables** to manage **insurance claims and user-generated data** to increase data retrieval efficiency.

##### Wireless Charger for Pacemakers | Research Publication & Class Project | 06/2020

- Developed a **proof of concept (POC)** for a **wireless pacemaker charger** with **mobile app connectivity** for real-time monitoring.

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#### 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

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#### ACHIEVEMENTS

- Earned **Spot Award** from EY for **exceptional performance in resolving critical production issues**, maintaining **99.9% system uptime** (03/2023).
  - Received **Client Recognition** for automating a **high-priority workflow**, reducing processing time by **50%**, and improving efficiency (02/2022).
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