INDUPALLI ENOSH

Overland Park KS   +1(913)-238-7438   indupallienosh2023@gmail.com

SUMMARY

Motivated and analytical **Software Engineer** with strong proficiency in the **software development lifecycle (SDLC)** — from gathering and analyzing requirements to coding, testing, deployment, and maintenance. Skilled at **translating user needs into technical specifications**, developing reliable and secure software solutions, and ensuring performance and scalability.
Proficient in **cloud computing** and **test-driven development**, with ability to design and optimize systems that support business goals. Debugging complex systems and improving system efficiency through automation and data-driven decisions.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, SQL.

- **Frameworks & Libraries:** Spring Boot, Spring Framework, Spring AI (GenAI), Spring MVC, Spring Security, Hibernate/JPA.

- **Database & Cloud:** MySQL, PostgreSQL, MongoDB, Azure.

- **Development Tools:** Git, Docker, IntelliJ IDEA, Jenkins.

- **Practices:** SDLC, Agile, Test-Driven Development (TDD), REST API Integration

- **Other Skills:** System Design, Debugging, Security and Logging Standards

PROJECTS

Sudoku Solver

Technologies: Java, OOP, Algorithms

- Developed a Sudoku game/solver implementing **grid validation**, **rule checking**, and **puzzle logic**.

- Utilized 2D arrays, nested loops, and constraint checks to manage board state.

- Applied object-oriented design patterns for board structure, validation, and game flow.

- Demonstrated strong algorithmic thinking and systematic problem-solving.

Data Structures & Algorithms

Technologies: Java, IntelliJ IDEA

- Built core data structures including **LinkedList**, **Dynamic Array**, and custom collections.

- Implemented sorting algorithms such as **Merge Sort**, **Selection Sort** and **Cycle Sort**.

- Wrote modular Java programs demonstrating time complexity principles and optimization.

Bank Account Simulation (OOP Project) :

Technologies: Java, Object-Oriented Programming

- Implemented a simple banking system using classes, objects, and encapsulation.

- Created deposit, withdrawal, and balance-check features with validation logic.

- Designed clean, reusable methods following OOP best practices.

- Modeled banking behavior to showcase understanding of class design and state management.

EDUCATION

Master of Science in Information Technology   **Aug 2023 - Present**

University of Central Missouri

- Comprehensive education aimed at equipping students with technical skills.
  Knowledge to succeed in the dynamic IT industry.

Bachelor of Technology in Computer Science   **Aug 2019 - Apr 2022**

Mic College of Technology

- The curriculum emphasizes innovation, problem-solving.