**Sanaharika Thallada**

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**SUMMARY**

Highly motivated and results-oriented Full-Stack Java Developer with 3+ years of experience seeking a Python Lead role. Proven ability to design and implement data pipelines using Java and SQL, and eager to leverage my skills in Python, Docker, and potentially Neo4j or a similar graph database to build scalable and secure data solutions. Possessing a strong foundation in software development, I am adept at collaborating with cross-functional teams and am keen to contribute to a dynamic and challenging environment.

**EDUCATION**

**Saint Louis University**   
*Master of Science, Information Systems* *•* CGPA: 3.63/4.0

**Saint Louis, Missouri**   
 *Aug 2023 – May2025*

*•* Coursework: Mobile &Web App Development, Data Visualization & Analysis, AWS, Statistics, Tech& Start-ups

**EXPERIENCE**

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| **Cognizant Technology Solutions — Titan** *Full-Stack Java Developer* | **Hyderabad**  *Aug 2020 – Jul 2023* |

*•* Designed and developed key features for a high-traffic web application using Java, Spring Boot, and RESTful APIs.*•* Implemented and maintained data pipelines using SQL and optimized database queries for improved performance.*•* Collaborated with cross-functional teams to gather requirements and deliver projects on time and within budget.

*•* Utilized agile methodologies and version control systems (e.g., Git) to manage code and collaborate effectively.

**Cognizant Technology Solutions** *Intern – Programmer Analyst*

**Pune, Maharastra**   
*Jan 2020 – May 2020*

*•* Developed and tested modules for an enterprise application using Java and related technologies.*•* Gained practical experience in software development lifecycle processes.

*•* Contributed to team projects, demonstrating strong collaboration and problem-solving skills.

**PROJECTS**

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| **Data Pipeline for Customer Analytics** | *Jan 2022 - Jun 2022* |

*•* Developed a data pipeline using Python and SQL to process and analyze customer data.

*•* Implemented data quality checks to ensure data accuracy and consistency.

*•* Utilized Docker to containerize the pipeline for improved scalability and portability.

*•* Presented findings to stakeholders and provided recommendations for business improvements.

**REST API for Inventory Management**  *Oct 2021 - Feb 2022* *•* Designed and developed a RESTful API using Flask to manage inventory data.

*•* Implemented authentication and authorization mechanisms to ensure data security.

*•* Integrated the API with existing systems using Python and SQL.

*•* Improved the efficiency and scalability of inventory management processes.

**Neo4j Graph Database for Fraud Detection**  *Mar 2023 - Jul 2023* *•* Built a Neo4j graph database to model relationships between entities and detect fraudulent activities.

*•* Developed algorithms to identify patterns and anomalies in the data.

*•* Integrated the graph database with existing systems to automate fraud detection processes.

*•* Improved the accuracy and efficiency of fraud detection, reducing financial losses.

**SKILLS**

**Languages & Frameworks:** Java, C, C++, Spring Boot, Hibernate, Angular2/4/8, React, Node.js, JSP, Servlets, MVC   
**Frontend:** HTML5, CSS3, JavaScript, jQuery, JSON, XML, XSLT   
**Web Services:** REST , SOAP   
**Cloud &DevOps:** AWS, Azure, Docker, Google cloud,   
**Tools:** Jira, Confluence, GitHub,GitLab, Postman, Elasticsearch   
**Database:** :MySQL   
**Messaging Queues:** ActiveMQ, RabbitMQ   
**Security:** OAuth2, JWT, Spring Security

**CERTIFICATIONS (UDEMY)**

 Agile Project Management  
 Relational Database Design  
 Responsive Web Design