**Sanaharika Thallada**

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**SUMMARY**

Highly motivated and results-oriented Full-Stack Java Developer with 3+ years of experience seeking a Junior Software Engineer position. Proven ability to design, develop, and deploy robust software solutions. Proficient in Java and eager to leverage skills in Python, C++, and MATLAB in a challenging, mission-focused environment. Dedicated to contributing to critical national security operations.

**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 React.*•* Improved application performance by 20% through code optimization and database tuning.

*•* Collaborated with cross-functional teams to deliver projects on time and within budget.

*•* Successfully implemented a new microservice architecture resulting in improved scalability and maintainability.

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

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

*•* Developed and implemented algorithms for data processing and analysis.

*•* Contributed to the improvement of existing software applications through bug fixes and enhancements.*•* Gained experience in software development methodologies and best practices.

*•* Successfully completed a capstone project involving the development of a mobile application.

**PROJECTS**

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| **Mission-Critical Data Processing System** | *Jan 2022 - Jun 2022* |

*•* Developed a high-throughput data processing system using Python and C++ to handle large volumes of sensitive

data.

*•* Implemented robust error handling and security measures to ensure data integrity and confidentiality.

*•* Optimized the system for performance and scalability to meet demanding operational requirements.

*•* Successfully integrated the system with existing infrastructure and tools.

**Real-time Signal Processing Application**  *Oct 2021 - Mar 2022* *•* Designed and implemented a real-time signal processing application using MATLAB for analyzing and interpreting

complex signals.

*•* Developed algorithms for noise reduction, feature extraction, and classification using DSP techniques.

*•* Integrated the application with various hardware components and sensors.

*•* Achieved a significant improvement in signal processing accuracy and speed.

**Secure Data Transport System**  *Aug 2023 - Dec 2023* *•* Developed a secure data transport system using Python and Docker to ensure the confidentiality and integrity of

sensitive data.

*•* Implemented encryption and authentication mechanisms to protect data from unauthorized access.

*•* Designed and implemented a robust logging and monitoring system to track data transfers and identify potential

security breaches.

*•* Successfully deployed the system to a cloud-based environment.

**SKILLS**

**Languages & Frameworks:** Java, C, C++, Spring Boot, Hibernate, Angular2/4/8, React, Node.js, JSP **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