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   **Saint Louis, Missouri**
Master of Science, Information Systems   *Aug 2023 – May2025*
- CGPA: 3.63/4.0
- Coursework: Mobile &Web App Development, Data Visualization & Analysis, AWS, Statistics, Tech& Start-ups

EXPERIENCE

Cognizant Technology Solutions — Titan   **Hyderabad**
Full-Stack Java Developer   *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   **Pune, Maharastra**
Intern – Programmer Analyst   *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

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