Sanaharika Thallada

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SUMMARY

Full-stack engineer with experience building AI-driven products. Proven ability to design, develop, and deploy features using Python, React, and TypeScript.

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*
- Developed and maintained full-stack features for complex applications, resulting in a 15% improvement in user engagement.
- Designed and implemented RESTful APIs using Spring Boot, improving data transfer efficiency by 20%.
- Collaborated with cross-functional teams to deliver high-quality software solutions on time and within budget.
- Utilized Agile methodologies to manage sprints and deliver incremental value.

Cognizant Technology Solutions   **Pune, Maharastra**
Intern – Programmer Analyst   *Jan 2020 – May 2020*
- Contributed to the development of a key module for a large-scale enterprise application, enhancing system performance by 10%.
- Assisted senior developers in debugging and troubleshooting complex issues, resolving critical bugs and improving application stability.
- Gained practical experience in various aspects of software development, including design, coding, testing, and deployment.

PROJECTS

AI-Powered Workflow Automation Platform   *March 2023 - October 2023*
- Developed a Python-based backend API using FastAPI to handle complex data processing and AI model integration.
- Built a React and TypeScript frontend to provide a user-friendly interface for interacting with the AI-powered workflow automation platform.
- Integrated an LLM for natural language processing, improving user efficiency by 25% as measured by task completion time.
- Deployed the application to a containerized environment using Docker and Kubernetes, ensuring high availability and scalability.

Intelligent Data Processing System   *July 2022 - December 2022*
- Designed and implemented a robust data pipeline using Python and PostgreSQL for efficient data ingestion, transformation, and loading.
- Developed a GUI application (React/TypeScript) to visualize and analyze the processed data, enabling intuitive data exploration and improved decision-making.
- Implemented ETL processes for efficient data integration, reducing processing time by 30%.

Recommendation Engine   *October 2022 - March 2023*
- Built a recommendation engine using Python and Redis for a real-time, high-volume application that recommends products to users.
- Improved product recommendations by 10% through the implementation of collaborative filtering algorithms.
- Increased user engagement by 15% by personalizing the user experience with targeted recommendations.

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

- Java Database Connection

- Maven Crash Course

- Spring Framework

- Build Java app with Spring MVC