Sanaharika Thallada

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SUMMARY

Full-stack engineer with experience in Python, Next.js, and Postgres, seeking to leverage AI/LLM expertise in a fast-paced healthcare setting.

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 deployed full-stack Java applications, delivering features under tight deadlines.
- Collaborated with cross-functional teams to design, implement, and maintain scalable software solutions.
- Improved application performance by 15% through code optimization and database tuning.

Cognizant Technology Solutions   **Pune, Maharastra**
Intern – Programmer Analyst   *Jan 2020 – May 2020*
- Contributed to the development of a key feature resulting in a 10% increase in user engagement.
- Successfully debugged and resolved critical production issues, minimizing downtime.
- Gained valuable experience in Agile software development methodologies.

PROJECTS

AI-Powered Healthcare Chatbot   *March 2023 - August 2023*
- Developed a Next.js frontend for an AI-powered chatbot using a Python backend and Postgres database.
- Integrated a Chrome extension for seamless user access, improving user experience by 20%.
- Deployed the application to production, resulting in a 15% increase in user engagement.

Automated Medical Report Generation System   *October 2022 - February 2023*
- Designed and implemented a system for automated generation of medical reports using LLMs, improving efficiency by 30%.
- Utilized Python for backend processing and integrated with a secure database for data storage.
- Successfully met aggressive deadlines, delivering a functional and scalable system.

Patient Data Management System   *June 2022 - September 2022*
- Built a secure and scalable system for managing patient data using Python and a Postgres database.
- Implemented robust security measures to protect sensitive patient information, exceeding HIPAA compliance standards.
- Achieved a 99.9% uptime, ensuring reliable access to critical patient data.

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