Sanaharika Thallada

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SUMMARY

Results-oriented software engineer with expertise in Python, microservices, and machine learning, seeking to leverage skills in building scalable SaaS applications at Comcast.

EDUCATION

Saint Louis University , **Saint Louis, Missouri**
Master of Science, Information Systems *Aug 2023 – May2025*

EXPERIENCE

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

- Developed and maintained Java-based applications, resulting in a 15% increase in system efficiency.
- Collaborated with cross-functional teams to deliver projects on time and within budget, consistently exceeding expectations.
- Implemented automated testing frameworks, improving software quality and reducing bug counts by 20%.

Cognizant Technology Solutions **Pune, Maharastra**
Intern – Programmer Analyst *Jan 2020 – May 2020*

- Designed and implemented a Python script to automate data processing, improving data accuracy by 10%.
- Contributed to the development of a new software module, enhancing system functionality and user experience.
- Successfully debugged and resolved critical production issues, minimizing downtime and ensuring system stability.

PROJECTS

DataBee Microservice Development *2023-2024*

- Developed and deployed five high-performance analytical microservices for DataBee, a SaaS security platform, using Python and Docker.
- Implemented machine learning algorithms to enhance threat detection capabilities, resulting in a 10% reduction in false positives.
- Integrated with various data sources to ingest and process large cyber datasets, improving data quality and analysis efficiency.
- Utilized Agile Scrum methodologies to collaborate effectively with cross-functional teams and meet project deadlines.

Cybersecurity Data Analysis Platform *2022-2023*

- Built a scalable data analytics platform using Python and cloud technologies to process and analyze large volumes of cybersecurity data.
- Developed custom algorithms for anomaly detection and threat hunting, improving the accuracy of security alerts.
- Integrated with existing security tools and dashboards to provide real-time threat intelligence and insights.
- Implemented robust security measures to protect sensitive data and maintain compliance with industry standards.

SaaS Application Security Enhancement *2022*

- Enhanced the security features of an existing SaaS application by implementing robust authentication and authorization mechanisms.
- Improved the application's resilience to attacks by implementing security best practices and threat modeling techniques.
- Reduced the application's vulnerability to common security exploits by 25% through code refactoring and security audits.
- Collaborated with security engineers to design and implement a comprehensive security testing program.

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