**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**   
*Master of Science, Information Systems* **EXPERIENCE**

**, Saint Louis, Missouri** *Aug 2023 – May2025*

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| **Cognizant Technology Solutions** *Full-Stack Java Developer* | **Hyderabad**  *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** *Intern – Programmer Analyst*

**Pune, Maharastra**   
*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**

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| **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.

*2022* **SaaS Application Security Enhancement**  
 *•* 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