**Sanaharika Thallada**

|  |  |  |  |
| --- | --- | --- | --- |
| 217-775-5653 | sanaharikathallada@gmail.com | linkedin.com/in/ | github.com/proxiee |

**SUMMARY**

Full-stack engineer with experience in Java and a passion for building reliable, scalable systems. Seeking to leverage skills in a challenging, impactful role.

**EDUCATION**

**Saint Louis University**   
*Master of Science, Information Systems* *•* CGPA: 3.63/4.0

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

*•* Coursework: Mobile &Web App Development, Data Visualization & Analysis, AWS, Statistics, Tech& Start-ups

**EXPERIENCE**

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

*•* Developed and deployed highly reliable Java-based microservices for a large-scale application, resulting in a 20% increase in system throughput.

*•* Designed and implemented RESTful APIs using Spring Boot, improving data transfer efficiency by 15%.*•* Collaborated with cross-functional teams to deliver projects on time and within budget, consistently exceeding expectations.

**Cognizant Technology Solutions** *Intern – Programmer Analyst*

**Pune, Maharastra**   
*Jan 2020 – May 2020*

*•* Contributed to the development of a key feature for a flagship product, improving user engagement metrics by 10%.*•* Successfully debugged and resolved critical production issues, minimizing downtime and improving system stability.*•* Gained valuable experience in Agile software development methodologies and collaborative teamwork.

**PROJECTS**

|  |  |
| --- | --- |
| **Secure Satellite Network Simulation** | *March 2023 - October 2023* |

*•* Developed a simulation environment for a secure satellite mesh network using C# and TypeScript, processing data from hundreds of simulated satellites.

*•* Implemented robust security protocols to guarantee data integrity and access control within the simulated network.*•* Designed and implemented a user interface providing an immersive experience for monitoring and interacting with the simulated satellite network.

**Real-time Earth Observation Platform**  *August 2022 - February 2023* *•* Built a web application using TypeScript and a graphics-intensive framework for visualizing real-time earth observation data from various sources.

*•* Integrated with AWS cloud services to enable scalable and reliable data processing and storage.

*•* Utilized PostgreSQL database to manage large volumes of geospatial data efficiently.

**Satellite Payload Tasking System**  *January 2022 - July 2022* *•* Designed and implemented a system for tasking remote sensor payloads on multiple satellites in low Earth orbit using a microservices architecture.

*•* Developed and deployed the system using Kubernetes for container orchestration in a Linux server environment.*•* Integrated with existing data processing pipelines to streamline data analysis and reporting.

**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