**Sanaharika Thallada**

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

**SUMMARY**

Highly motivated and results-oriented Full-Stack Java Developer with 3+ years of experience in designing, developing, and deploying robust applications. Proven ability to architect and scale applications, seeking a challenging Full-Stack Lead Engineer role to leverage expertise in JavaScript/TypeScript, Node.js, React, and REST/WebSocket APIs in building real-time, spatial computing solutions. Experienced in SQL databases and possess strong architectural thinking and leadership skills.

**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**

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

*•* Developed and maintained key features for a high-traffic application, resulting in a 15% increase in user engagement.

*•* Led the implementation of a new microservice architecture, improving system scalability and reducing latency by 20%.

*•* Successfully migrated the application to a cloud-based infrastructure, resulting in a 10% reduction in infrastructure costs.

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

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

*•* Contributed to the development of a core module for a large-scale enterprise application.

*•* Gained practical experience in agile software development methodologies and collaborative teamwork.*•* Successfully completed several assigned tasks, demonstrating strong problem-solving and analytical skills.

**PROJECTS**

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| **Real-time Collaboration Platform** | *Jan 2022 - Jun 2022* |

*•* Developed a real-time collaboration platform using WebSockets for seamless communication between users.

*•* Implemented robust user authentication and authorization mechanisms to ensure data security.*•* Integrated with a third-party API to enhance platform functionality and provide additional features.

**Interactive 3D Environment**  *Oct 2021 - Mar 2022* *•* Designed and implemented an interactive 3D environment using WebGL and Three.js.

*•* Developed custom shaders and effects to create a visually engaging and immersive experience.

*•* Optimized the application for performance and scalability to support a large number of concurrent users.

**Spatial Logic Engine Prototype**  *June 2023 - August 2023* *•* Developed a prototype for a spatial logic engine using Node.js and a NoSQL database.

*•* Implemented algorithms for real-time object coordination and event handling.

*•* Designed and implemented REST and WebSocket APIs for seamless integration with other components.

**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

**CERTIFICATIONS (UDEMY)**  
 Agile Project Management  
 Relational Database Design  
 Responsive Web Design