

Sanaharika Thallada

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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

Saint Louis, Missouri

Aug 2023 – May 2025

- CGPA: 3.63/4.0
- 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 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, Maharashtra

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

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