

# Sanaharika Thallada

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## SUMMARY

Full-stack Java/Node.js engineer with expertise in building scalable applications and RESTful APIs. Proven ability to collaborate effectively in fast-paced environments and deliver high-performance solutions.

## 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 full-stack applications using Java, resulting in a 15% increase in application performance.
- Designed and implemented RESTful APIs and microservices, improving system scalability by 20%.
- Collaborated with cross-functional teams to deliver scalable solutions, meeting all project deadlines.
- Optimized applications for speed and reliability, reducing error rates by 10%.

### Cognizant Technology Solutions

*Intern – Programmer Analyst*

**Pune, Maharashtra**

*Jan 2020 – May 2020*

- Contributed to the development of a Java-based application, gaining experience in agile development methodologies.
- Assisted senior developers in debugging and testing applications, improving code quality and reducing bugs.

## PROJECTS

### Scalable Video Streaming Platform

*March 2023 - August 2023*

- Developed a highly scalable video streaming platform using Java, Node.js, and React, supporting over 10,000 concurrent users.
- Implemented a microservices architecture for improved scalability and maintainability.
- Utilized AWS cloud services for deployment and management, ensuring high availability and performance.
- Integrated with various third-party APIs for user authentication and content delivery.

### RESTful API for Media Content Management

*October 2022 - February 2023*

- Designed and developed a RESTful API using Node.js and Express.js for managing media content.
- Implemented robust security measures to protect sensitive data.
- Integrated with a NoSQL database for efficient data storage and retrieval.
- Achieved 99.9% uptime with automated monitoring and alerting systems.

### Interactive Entertainment Application

*September 2022 - December 2022*

- Built an interactive entertainment application using React and Node.js, enhancing user engagement by 15%.
- Implemented real-time communication features using WebSockets.
- Optimized the application for performance and responsiveness on various devices.
- Successfully deployed the application to a cloud platform.

## 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)**

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- Agile Project Management
- Relational Database Design
- Responsive Web Design
- Java Database Connection
- Maven Crash Course
- Spring Framework
- Build Java app with Spring MVC