

# Sanaharika Thallada

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## SUMMARY

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

## 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 Java applications, resulting in a 15% increase in user engagement.
- Designed and implemented RESTful APIs and microservices, improving system scalability by 20%.
- Collaborated with cross-functional teams to deliver high-performance, secure applications.
- 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, enhancing its functionality and performance.
- Assisted senior developers in debugging and testing applications, improving code quality and reliability.
- Gained practical experience in software development methodologies and best practices.

## PROJECTS

### Scalable Video Streaming Platform

*March 2023 - July 2023*

- Developed a scalable video streaming platform using Java, Node.js, and React, supporting 10,000 concurrent users.
- Implemented a microservices architecture for improved scalability and maintainability.
- Integrated with AWS cloud services for reliable and cost-effective deployment.
- Utilized caching mechanisms to optimize performance and reduce latency.

### Interactive Media Application

*October 2022 - February 2023*

- Built an interactive media application using Java, Node.js, and Angular, enhancing user engagement by 25%.
- Developed RESTful APIs for seamless data integration and communication between front-end and back-end components.
- Implemented robust security measures to protect user data and prevent unauthorized access.
- Successfully deployed the application to a cloud environment using Docker and Kubernetes.

### RESTful API for Content Management

*June 2022 - September 2022*

- Designed and implemented a high-performance RESTful API for content management using Node.js and MongoDB.
- Improved data retrieval speed by 30% by optimizing database queries and caching strategies.
- Ensured API security and data integrity through robust authentication and authorization mechanisms.
- Successfully integrated the API with various client applications, improving data consistency and accuracy.

## 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