

# Thotakura Lohit Kumar

Detailed-oriented Software Engineering fresher with hands-on experience through internships and academic projects in building back-end systems and product features. Strong foundation in DSA, object-oriented programming, REST APIs, and basic cloud concepts. Adaptable and comfortable working in fast-paced Indian tech environments with a strong learning mindset.

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## INTERNSHIP EXPERIENCE

### BLUE STOCK FINTECH | SOFTWARE DEVELOPMENT ENGINEER INTERN

August 2024 – September 2024 | Remote, India

- Collaborated with backend teams to implement microservice-based architecture, ensuring modularity and scalability.
- Implemented Java functionalities using OOP principles and Collections Framework, improving backend stability.
- Enhanced application reliability through clean coding practices, achieving a 10% reduction in defects.
- Utilized MySQL queries and CRUD operations to manage application data more efficiently.
- Used Git for version control and participated in code reviews and sprint-based Agile development.
- Followed SDLC practices to deliver stable backend features in weekly iterations.

## PROJECTS

### E-COMMERCE STORE | JAVA, SPRING BOOT, REACT.JS

**GitHub Repository:** [github.com/Tlohitkumar/Ecommerce-Full-stack-store](https://github.com/Tlohitkumar/Ecommerce-Full-stack-store)

- Designed an e-commerce system using Spring Boot layered architecture (Controller, Service, Repository).
- Built RESTful APIs for product and category management using Spring MVC and JPA.
- Implemented dependency injection and OOP principles for clean and testable backend code.
- Integrated React frontend with backend APIs using Axios for dynamic UI updates.
- Worked with MySQL for relational data storage and Git for version control.

### PATIENT MANAGEMENT SYSTEM | JAVA, SPRING BOOT

**GitHub Repository:** [github.com/Tlohitkumar/java-spring-microservices](https://github.com/Tlohitkumar/java-spring-microservices)

- Developed backend services for managing patient records and appointments using Spring Boot.
- Created REST APIs and connected MySQL database using JPA and Hibernate.
- Utilized GitHub to track versions and manage updates, keeping the development process organized and secure.
- Followed microservice-style separation for scalability and maintainability.

### ONLINE SHOPPING SYSTEM | JAVA, SPRING BOOT

**GitHub Repository:** [github.com/Tlohitkumar/Online-Shopping-System](https://github.com/Tlohitkumar/Online-Shopping-System)

- Implemented backend logic for product listing, cart management, and order processing.
- Designed REST APIs and optimized database queries for better response time.
- Performed manual testing and API validation using Postman.

## CERTIFICATIONS

**Introduction to Java Spring framework** - Spring MVC, Spring Layers, Spring IOC

**Oracle Cloud Infrastructure Certified DevOps Professional** - CI/CD, Cloud Deployment

**Scrum Fundamentals Certified** - Agile, Scrum Framework

## SKILLS

### PROGRAMMING

Proficient:

Java • MySQL • CSS • HTML

Experienced:

REST APIs Development  
Backend Development

Familiar:

React.js • Docker • Maven  
Jenkins • Azure DevOps

### CORE CONCEPTS

Core Java • Object-oriented design patterns • Data structures and algorithms • Collections Framework

### TOOLS/PLATFORMS

Git • GitHub • Postman • Jira

## EDUCATION

### KONERU LAKSHMAIAH DEEMED TO BE UNIVERSITY

MASTER'S IN COMPUTER SCIENCE

2024 - 2026 | Guntur, India

Problem Solving

CGPA: 8.85 / 10

### NRI INSTITUTE OF TECHNOLOGY

BACHELOR'S IN ELECTRICAL AND ELECTRONICS ENGINEERING

2020 - 2024 | Agiripilli, India

Public Speaking, Presentations, Leadership

CGPA: 7.23 / 10

## ACHIEVEMENTS

Top performer in college-level debate competition.

Solved 200+ Problems in LeetCode.