

# KALLURI LAXMI NARASHIMHA LOKESH KUMAR

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## PROFESSIONAL SUMMARY

Software Engineer with hands-on experience in developing RESTful applications using Java, Spring Boot, and PostgreSQL. Builds secure authentication with JWT, improves database performance, and delivers reliable, scalable software solutions. Collaborates effectively in Agile teams and focuses on writing clean, maintainable code.

## WORK EXPERIENCE

### Software Engineer - Capgemini

June 2025 - Present

- Developed and maintained RESTful APIs using Spring Boot and Java, ensuring efficient data flow between microservices and database systems.
- Implemented JWT-based authentication and authorization using Spring Security for secure client-server communication.
- Designed and optimized PostgreSQL queries and entity relationships, improving data retrieval performance.
- Collaborated in Agile sprints, performing code reviews and contributing to CI/CD pipelines for smooth deployments.

## TECHNICAL SKILLS

Programming Languages	Java, C++, Python
Frameworks	Spring Boot, React.js
Databases	PostgreSQL, MySQL, MongoDB
Tools	Git, GitHub, Docker, Postman, Maven
Concepts	Object-Oriented Programming (OOP), Data Structures and Algorithms, Microservices Architecture, JWT Authentication

## PERSONAL PROJECTS

### MoneySnap – Expense Tracking Application

[GitHub Link](#)

**Technologies :** React.js  $\cdot$  Spring Boot  $\cdot$  PostgreSQL  $\cdot$  RESTful APIs  $\cdot$  JWT Authentication

- Developed a full-stack expense tracking web application with JWT-based authentication for secure communication between client and server.
- Designed and implemented RESTful APIs in Spring Boot for transactions, categories, and user data.
- Integrated React front-end with backend APIs for real-time expense tracking and data visualization.
- Designed relational database schema in PostgreSQL to ensure efficient storage and retrieval of financial data.

### Hotel Management System – Backend

[GitHub Link](#)

**Technologies :** Spring Boot  $\cdot$  PostgreSQL  $\cdot$  Spring Data JPA  $\cdot$  JUnit  $\cdot$  Mockito  $\cdot$  Swagger

- A role-aware booking back-end enabling customers, managers, and administrators to sign up and log in securely.
- Designed a room reservation workflow with live availability checks and conflict prevention.
- Exposed clean, versioned REST endpoints documented via Swagger, and architected a normalized database schema with Hibernate.

### Food Delivery Web App

[GitHub Link](#)

**Technologies :** React.js  $\cdot$  Express.js  $\cdot$  Node.js  $\cdot$  MongoDB

- Created a responsive ordering platform with dynamic menu browsing and checkout flow.
- Built an admin dashboard for real-time order monitoring and delivery tracking.
- Implemented live data synchronization between front end and server to keep order statuses current.

## EDUCATION

### Gayatri Vidya Parishad College of Engineering (A)

2021 - 2025

Bachelor of Technology in Computer Science

CGPA: 8.82/10.0

## CERTIFICATIONS

- |   |          |
|---|----------|
| • Python Foundation - Infosys Springboard     | Feb 2023 |
| • MongoDB Developer's Toolkit - GeeksforGeeks | Sep 2024 |

## ACHIEVEMENTS

- TCS CodeVita Season 12 Global Rank — 1487
- Leetcode: [klnlokeshkumar](#) — Top 20%

## POSITIONS OF RESPONSIBILITIES

- Membership Coordinator – IEEE SB GVPCE (A): Organized events and collaborated on student tech initiatives.
- Class Rotaract Representative - RACGVP