

# Bhargav Kallepally

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## About Me

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Java Backend Developer with hands-on experience in Spring Boot, REST APIs, and secure system design. Built production-ready projects with JWT authentication, role-based access, and automated email workflows. Completed Infosys Springboard internship delivering clean, testable backend solutions.

## Work Experience

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### Infosys Springboard

Feb 2026 – Apr 2026

#### Virtual Intern

- Developed backend logic for a full-stack inventory system using Java and Spring Boot, including CRUD operations, stock management, and layered architecture for clean code structure.
- Implemented JWT-based authentication and role-based access control using Spring Security for secure API access across multiple user roles.
- Built an automated low-stock alert system using Jakarta Mail and performed unit and integration testing with JUnit and Mockito.

## Projects

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### Inventory Monitoring and Reporting System | *Backend Developer* | [GITHUB](#)

Java, Spring Boot, Spring Security, MySQL

- Designed and implemented the **core backend logic** for a full-stack inventory system using Spring Boot, including product CRUD operations, stock management with validation guards, and a layered **Controller** → **Service** → **DAO** → **Repository** architecture ensuring clean separation of concerns.
- Built a **JWT-based authentication and authorization** system using Spring Security with role-based access control for three user roles (ADMIN, SUPPLIER, STAFF), securing all API endpoints with a custom JWT filter and password encoding.
- Developed an **automated low-stock** alert system using Jakarta Mail and Gmail SMTP, and wrote comprehensive unit and integration tests using JUnit and Mockito covering services, validators, and security components.

### Cipher Guess | *Full Stack Web Application* | [LIVE](#) | [GITHUB](#)

Java, Spring Boot, Maven, JPA/Hibernate, Spring Security, HTML, CSS

- Built a full-stack number guessing game using **React (Vite)** with component-based architecture and **Spring Boot REST API** using **JPA/Hibernate** across User, AuthToken, and GameSession entities.
- Implemented **Spring Security** with custom filter, **UUID-based authentication**, **BCrypt** password hashing, in-memory game logic using **HashMaps**, **Enums**, and email integration.
- Deployed backend + **MySQL** on **Railway** and frontend on **Vercel**, using **3-layer architecture**, environment configs, and **Vite proxy** for API communication.

## Technical Skills

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- **Languages:** Java, Python, JavaScript, HTML, CSS
- **Frameworks:** Spring Boot, Spring Data JPA, JPA/Hibernate, REST APIs
- **Tools & Technologies:** MySQL, Docker, Git, GitHub, Maven, Postman, VS Code, IntelliJ IDEA, AWS, Azure
- **Soft Skills:** Problem-Solving, Teamwork, Leadership, Communication, Time Management

## Education

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### Marri Laxman Reddy Institute of Technology

Bachelor of Information Technology | CGPA: 8.24

Hyderabad

2024 – 2027

### Ellenki College of Engineering and Technology

Diploma in Electrical and Electronics Engineering | CGPA: 8.83

Hyderabad

2021 – 2024

### Domnics Daisy Flower High School

Secondary School Certificate

2021

## Certifications

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- **Oracle MyLearn:** Java Foundations
- **NPTEL:** Data Structures and Algorithms using Java
- **IBM SkillsBuild:** Web Development Fundamentals
- **Infosys Springboard:** Software Engineering and Agile Software Development
- **Anthropic:** Claude Code in Action

Elite  
In Progress

## Achievements

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- Built and published a custom **Visual Studio Code extension** (*HTML Table Maker*) using JavaScript that generates ready-to-use HTML table code from user-specified rows and columns, available on the VS Code Marketplace.
- Solved **400+ DSA problems** on CodeChef covering arrays, linked lists, mathematics, strings and core problem-solving techniques, consistently strengthening algorithmic thinking and coding proficiency.