

# AAKASH MODI

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## SUMMARY

Java Full Stack Developer and Computer Programmer with 2 years of experience in building scalable web applications using Spring Boot and Angular. Proficient in REST APIs, Microservices, CI/CD (Azure, GitHub), and unit testing (Karma, JUnit, Mockito). Strong foundation in database management (MySQL, PostgreSQL), secure API design (JWT, Spring Security), and frontend/backend integration.

## SKILLS

**Languages & Frameworks:** Java, Angular, TypeScript, Spring Boot, SQL, HTML, CSS, JavaScript, C++

**Tools & Platforms:** GitHub, Azure DevOps, Docker, IntelliJ, Eclipse, VS Code

**Databases:** MySQL, PostgreSQL

**Testing:** Karma, JUnit, Mockito

**Technical Expertise:** REST APIs, Microservices, JWT, Spring Security, CI/CD, Design Patterns, Angular

**Additional Exposure:** Python, Web Architecture, Project Management

## EXPERIENCE

**Programmer Analyst** *Dec 2023 – Present*

**Cognizant Technology Solutions**, Noida, India

- Developed 2+ scalable GeoSolution apps using Spring Boot & Angular, improving user engagement by 25%.
- Achieved 90% test coverage with 100+ unit/integration tests using Karma, JUnit, Mockito.
- Reduced deployment time by 40% via CI/CD pipelines (Azure DevOps, GitHub).
- Secured APIs with Spring Security & JWT, cutting unauthorized access by 70%.

**Intern**

*May 2023 – Dec 2023*

**Cognizant Technology Solutions**, Chennai, India

- Engineered a **Car Rental API** using **Spring Boot and MySQL**, enabling secure data transactions and improving backend efficiency by 30%.
- Collaborated on the development of **IoT-based** enterprise applications, contributing to scalable architecture and ensuring alignment with business requirements.
- Enhanced frontend proficiency by building dynamic Angular components and integrating RESTful services, resulting in improved UI responsiveness and maintainability.

## PROJECTS

### Car Rental Management System

- Developed a full-stack system with Angular (Frontend) and Spring Boot (Backend). - Designed APIs for user authentication and order management conducted unit testing with Karma and JUnit.

### Hotel Management API

- Built a robust API with JWT-based authentication and features like reservation handling. - Deployed CI/CD pipelines with Azure and GitHub for efficient integration and delivery.

## EDUCATION

**Master of Computer Applications (MCA)**

*2021 – 2023*

Noida Institute of Engineering and Technology, Greater Noida

**Bachelor of Science (B.Sc)**

*2019 – 2021*

Siddharth University, UP

**Intermediate**

*2017 – 2018*

Sri Chaitanya Junior Kalasala, Hyderabad