

# DEEPAK KUMAR RANA

Bengaluru, Karnataka

Email: [contact.deepakrana.work@gmail.com](mailto:contact.deepakrana.work@gmail.com)

Phone no: [+91-7077105796](tel:+91-7077105796)

LinkedIn: [linkedin.com/in/deepak-6753z](https://www.linkedin.com/in/deepak-6753z)

GitHub: [github.com/x9code](https://github.com/x9code)

## PROFILE SUMMARY

---

I'm an MCA graduate specializing in Manual Testing. Skilled in test case design, execution, and defect reporting using Jira. Proficient in SQL, Java, and basic front-end technologies. Seeking an entry-level software testing role to apply and grow technical expertise.

## EDUCATION

---

### Master of Computer Application (MCA)

Gandhi Engineering Collage, Bhubaneswar

**CGPA 9.15**

*Sept 2023 – June 2025*

### Bachelor of Science (B.Sc. Physics)

F.M Autonomous College, Balasore

**CGPA – 7.96**

*Aug 2020 – May 2023*

### Class 12<sup>th</sup> (C.H.S.E)

Jhadeswar +2 Sc. Residential College, Balasore

**Percentage – 87.5%**

*June 2018 – May 2020*

### Class 10<sup>th</sup> (B.S.E)

C.M.U.B.P, Goliha

**Percentage – 84.5%**

*pass out - 2018*

## TECHNICAL SKILLS

---

- **Testing:** Manual Testing (SDLC, STLC, Test Scenarios, Test cases, Agile (Scrum), Functional Testing, Defect Life-cycle, Defect reporting, Defect tracking), API Testing (HTTP methods, REST API).
- **Programming Languages:** Java (Java 8-17, Core Java, OOPS, SOLID Principles, Multithreading, Exception Handling, Collection Framework, File Handling).
- **Database and Language:** SQL (Oracle SQL, MySQL, PostgreSQL).
- **Tools and IDE:** Visual Studio Code, Eclipse, IntelliJ, Jira, Postman, Git, Git Hub.

## PROJECTS

---

### Smartcity Management System [[github](#)]:

**Tech Stack:** Spring Boot, ReactJS, MySQL, Tailwind CSS, Google Maps API, Eureka, API Gateway, Kafka.

A microservices-based application that manages core urban infrastructure including healthcare, tourism, public safety, and education.

- Designed modular microservices for healthcare, education, safety alerts, and tourism management using Spring Boot.
- Implemented user and admin roles with JWT-based authentication and Spring Security.
- Deployed services using Docker, managed inter-service communication with Eureka Server and API Gateway.
- Applied MySQL for structured data storage and Redis for caching high-frequency location queries.

## CERTIFICATES

---

### Microsoft Certified: Generative Artificial Intelligence (AI):

- Gained foundational knowledge of generative AI concepts, responsible AI practices, and the use of large language models (LLMs). Developed hands-on experience with tools like Azure OpenAI, Copilot, and prompt engineering to build ethical and impactful AI solutions for real-world scenarios.

Date

Signature