Deepanshu Kumar

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EDUCATION

GL Bajaj Institute of Technology and Management, Greater Noida Ongoing *Bachelor of Technology in Computer Science and Engineering (CGPA - 8.1)*

SKILLS

Languages: Java, C, HTML, CSS, JavaScript
Frameworks and Libraries : Spring, Spring Boot, Hibernate
Databases : MySQL, SQL(Joins, CRUD, Optimization)
Testing Tools : Postman, Newman
Developer Tools: Intellij IDEA, Eclipse, Git, Github, Vs code
Concepts: Object Oriented Programming, Rest API, Secure Authentication, SDLC
Soft Skills: Problem Solving, Technical Mentoring, Team Collaboration, Communication

PROJECTS

Medilytics | *React, Spring Boot, MySQL, Tesseract OCR, Gemini API, JWT, RESTful APIs*

- Designed and developed **REST APIs** for parsing medical reports using **OCR (Tesseract)** and PDFBox.
- Integrated **secure authentication (JWT)** to protect endpoints.
- Implemented structured **logging and debugging** for error handling.
- Created **unit tests** to validate API responses and business logic.
- Documented APIs with **Swagger UI** and tested endpoints via Postman collections.

MailMinds | *AI Email Reply Assistant (Spring Boot, Chrome Extension, Gemini API, Postman)*

- Built a Chrome extension backed by a **Spring Boot** API to generate smart, contextual email replies using **Google Gemini**.
- Automated **API Testing with Postman & Newman**, validating positive/negative cases.
- Enhanced backend **logging, exception handling, and debugging** for better reliability.
- Wrote **technical documentation** (API usage, setup guide, architecture diagrams).

Trinetra | *Secure Data Management Portal (Spring Boot, Spring Security, MySQL)*

- Developed a **secure**, full-stack web portal backed by a **Spring Boot API** to centralize and manage core business data, including companies, employees.
- Implemented **CRUD operations** with **MySQL** and enforced RBAC via **Spring Security**.
- Wrote **JUnit test cases** for repository & service layers to ensure data integrity.
- Conducted **Postman API testing** for CRUD endpoints and automated test execution.
- Maintained clean code with **layered architecture, logging, and exception handling**.

Portfolio | *(Java, HTML, CSS, JavaScript)*

- Built a responsive portfolio site to showcase projects, technical skills, and certifications.
- Tested **cross-device responsiveness** using Chrome Dev Tools and emulators.

ACHIEVEMENTS

- Solved **450+ coding problems** on LeetCode, strengthening skills in algorithm design, data structures, and efficient problem solving across diverse technical scenarios.
- Earned 5 **star** status in **Java** on HackerRank, showcasing deep command of **Java** programming.

- Solved **50+ SQL problems** on LeetCode, reflecting strong skills in data querying, **optimization techniques**, and practical SQL application.
- Participated in the **GeekforGeeks Hackathon**.