

Himanshu Pratap Rana

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Education

Noida Institute of Engineering Technology (NIET), Greater Noida, Uttar Pradesh
Bachelor of Technology in Computer Science and Engineering *2021 – Present*

Skills

- **Languages:** Java 8, HTML, SQL
- **Frameworks/Tools:** Spring Boot, Collection Framework, RESTful APIs
- **Database:** PostgreSQL
- **Tools:** Git, GitHub, Postman, IntelliJ IDEA, VS Code, Maven, Swagger, OpenAI API
- **Other:** DSA, Problem Solving, Fast Learner, Team Collaboration

Experience

Code Soft – Virtual Java Programming Intern *May 2025 – June 2025*

- Completed a virtual internship focused on Java programming fundamentals and backend concepts.
- Gained hands-on learning in Java, Spring Boot, OOP's, and basic REST API creation.
- Built mini backend applications and practiced Git-based version control during project assignments.

Projects

Question-and-Answer with AI Enhancement – [GitHub Link](#)

- Developed a Question-and-Answer web application using Spring Boot, PostgreSQL, and Angular.
- Integrated OpenAI API to provide AI-powered answer enhancement for improved user experience.
- Implemented role-based authentication, reusable backend modules, and RESTful API design.

Personal Journal Backend Application – [GitHub Link](#)

- Created a secure backend using Spring Boot and MongoDB for users to manage personal journal entries.
- Implemented REST APIs for CRUD operations and linked journal entries to specific users via DBRef.
- Used a layered architecture with services, repositories, and controllers to maintain clean separation of concerns.

Achievements

- Solved 100+ DSA problems on LeetCode (username: [himanshu.pratap.rana](#))
- 5-Star Java Certification on HackerRank (username: [himanshurana07](#))
- Java Beginner & Intermediate Certificates from CodeChef