



Himanshu Kumar

Computer Science and Engineering
Bachelor of Technology
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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- **Maharshi Dayanand University Rohtak** 2022-25
Bachelor of Technology in Computer Science and Engineering percentage: 78
- **Ch. Matu Ram Arya Govt. polytechnic Sanghi** 2019-22
Haryana state board of technical education Percentage: 84.4
- **Veer Public School, South West Delhi** 2017-2019
Central Board of Secondary Education Percentage: 69.5

PROJECTS

- **Hotel Rating Application** *Spring Boot, Microservices, API Gateway, Resilience4j* 🔗 [Source Code](#)
 - Built a system to rate and fetch hotel data using an **API Gateway** to route requests to microservices.
 - Implemented **Resilience4j Circuit Breaker** for downtime detection and Rate Limiter to prevent **DoS attacks**.
 - Designed the gateway to route client requests to appropriate **microservices**, consolidating responses efficiently.
- **Pathology Lab Application** *Spring Boot, IText, MySQL* 🔗 [Source Code](#)
 - Developed a monolithic app for Doctor to **generating and printing PDF test reports** for patients.
 - Enabled test value updates, **dynamic pricing**, and test additions with data managed via MySQL
 - Streamlined the report **generation process with IText for PDF creation**, enhancing operational efficiency.
- **Grocery site** *Spring Boot, JSP, Java, HTML, CSS* 🔗 [Source Code](#)
 - Created an e-commerce platform with user and admin panels for managing groceries.
 - **User Panel**: Product browsing, **cart management**, **purchase tracking**, and blogging.
 - **Admin Panel**: Product/category management, order tracking, and **delivery status updates**

INTERNSHIP / SUMMER

- **WebDeveloper.solution** Kanpur, Uttar-Pradesh
Software Developer 1 Month
 - Developed a **RESTful API** using **Spring Boot** to process contact form submissions and send messages directly to the office email.
 - Integrated **JavaMail API/SMTP** for reliable and secure email delivery with error handling and retry mechanisms.
 - Tested and validated the API using **Postman**, ensuring seamless functionality and improving communication efficiency.
- **Congnifyz Technologies** 1 Month
Virtual Internship
 - Developed real-time applications, including:
 - A **Currency Converter** application to handle real-time exchange rates.
 - A **File Encryption and Decryption tool** using Java cryptographic libraries for secure file handling.
 - A **Password Strength Checker** to validate and enforce security policies for user passwords.
 - Focused on writing optimized, clean, and reusable code following **OOP principles**.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C/C++, HTML+CSS, SQL

Libraries : Java Collection, Spring, Lombok

Web Dev Tools: VScode, Git, Github, Postman, STS, IntelliJ idea

Frameworks: spring MVC, Spring Boot, Microservice, Hibernate, Spring security, Thymeleaf, JSP

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql), PostgreSQL, Redis

Relevant Coursework: Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, System Design, Computer Networks, Distributed Systems.

Areas of Interest: Web Design and Development, Backend Development, API Design and Development.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Team Collaboration, Critical Thinking

ACHIEVEMENTS AND RESPONSIBILITIES

- Achieved **5th position** in the **Smart India Hackathon (SIH)** at the college level.
- Solving 150+ questions on Leetcode.