

## **ABHISHEK KUMAR SINGH**

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I am Abhishek Kumar Singh, a B.Tech graduate in Biotechnology from Delhi Technological University. While my academic background lies in biotechnology, my journey has significantly turned towards software engineering. Throughout my studies, I realized technology's immense potential and impact in solving complex problems and improving lives. I became fascinated by software engineering, which offers the ability to create innovative solutions and drive meaningful change through technology.

### **Education:**

AUG 2020-JULY 2024  
B. TECH, Delhi Technological University

2016-2020  
SCHOOL SCSD Senior secondary school DELHI

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### **Skills:**

- Programming Languages: Java, System Design, OOps, Databases, SQL, data structures and their performance.
- Tools: Docker, GIT, Kubernetes, Docker, GIT - Other: Data Structures and Algorithms, RESTful APIs, Agile Methodology, Test Driven Development (TDD), Continuous Integration and Continuous Deployment (CI/CD) Tools, Application Performance Management Software (AppDynamics and Splunk)
- Scored a perfect 10/10 grade in Data Structures and Algorithms Lab Course at college
- Completed 150+ questions on LeetCode, 300 peepcoding, 200+ ninja coding
- my analytical and problem-solving skills
- Other: Data Structures and Algorithms, RESTful APIs
- Subjects- oops, operating system, computer architecture

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### **SUMMER INTERNSHIP/ PROJECTS:**

1. Internship as Full Stack Web Developer Intern in Pepcoding(7 JUNE 2022- 6 JANUARY 2023)

2. Internship as Java developer Intern in Infotrixx(15 july 2023- ...)

3. Internship in rank2top(1-July 2023- 5june 2023) as research Analysts Intern

4. **real-time face recognition system using ML** (link: [https://github.com/anshuhishek/face\\_dect\\_usingML](https://github.com/anshuhishek/face_dect_usingML))

• This project is a real-time face recognition system using OpenCV and K-Nearest Neighbors (KNN) algorithm. It captures video frames, detects faces using Haar cascades, and matches them against a pre-trained dataset, displaying the recognized person's name on the video feed.

5. **GUI Based Calculator using JAVA:**

This project implements a calculator application with the Shunting Yard Algorithm to evaluate infix expressions. The GUI is designed using Java Swing Library, optimizing the button layout for user ease based on feedback and testing.

6. **EMPLOYEE DIRECTORY IMPLEMENT IN JAVA:**(link: <https://github.com/anshuhishek/infotrixx> )

This project is a Client-Server implementation of a Telephone Directory system using various programming concepts. It utilizes file handling and object serialization to store contact information. JDBC is employed to connect to the directory database. The project offers a Command-Line Interface for insert, delete, and search operations on the directory.

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### **Positions of Responsibility and Extracurricular Activities:**

Professional pursuits, I actively engage in various passions, activities, and endeavour's that allow me to give back to the community and expand my horizons. Here are some: Muskurahat Foundation Internship, Campus Ambassador at Department of Management IGDTUW, Projects and Research, Volunteering in ISKCON, intern at devTown Continuous Learning.