

# DHRUV KUMAR PANDEY

Greater Noida, Uttar Pradesh | +91-8355017787 | He/Him  
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Motivated B.Tech student in 3rd year, seeking an internship to contribute to a forward-thinking tech environment. Skilled in Java, React, and Object-Oriented Programming, with practical experience in project development. Currently exploring AI technologies to understand their role in digital transformation and enterprise innovation. Passionate about user-focused solutions.

## PROJECTS

### [Online Banking System](#) | Java, JavaScript, CSS, JDBC, SQL

- Developed a modular banking system using Java Servlets, JSP, and deployed on Apache Tomcat, enabling features like login, fund transfer, and transaction history.
- Implemented MySQL database for secure data storage and retrieval of user and transaction details.
- Designed front-end using HTML, CSS, JavaScript, with real-time validations and interactive UI elements.
- Integrated user authentication, session management, and basic security features to protect sensitive data.
- Followed MVC architecture and standard Java web structure (`WEB-INF`, static folders), and used Git for version control.

### [Python GUI Quiz Application](#) | Python, Tkinter, TTKBootstrap

- Built a user-interactive quiz application with a dynamic question display and scoring system
- Implemented state tracking, real-time feedback, and GUI styling using the ttkbootstrap library.
- Enhanced modularity by separating quiz logic and data, improving scalability and readability

## TECHNICAL SKILLS

**Relevant Coursework:** Data Structures & Algorithms, Design & Analysis of Algorithm, Operating System, DBMS, Java Programming, Computer Organization & Architecture

**Programming Languages:** Java, Python, C, C++

**Web Technologies:** HTML, CSS, JavaScript

**Database Management:** MySQL

**Operating Systems:** Windows, Linux

**Developer Tools:** Visual Studio Code, Eclipse, IntelliJ, PowerBI, Seaborn

**Libraries:** Pandas, NumPy, Matplotlib

**Additional:** Mathematical Aptitude & Reasoning, Algorithmic Problem Solving, Project Management, Communication Skills

### **Interpersonal Skills:**

- Strong problem- solving and analytical abilities.
- Excellent communication and analytical abilities.
- Adaptability and eagerness to learn new technologies.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**  
**Galgotias University / CGPA (till 4th semester) -8.25**

**2023-Present**

- Specialization: Computer Science and Engineering
- Related Modules: Object-Oriented Programming (Java), Data Structures and Algorithms, Database Management Systems (DBMS), Operating Systems, Computer Networks, Web Technologies (HTML, CSS, JavaScript), Software Engineering, Artificial Intelligence (Learning in Progress).

## **CERTIFICATIONS**

- [DS using Java](#) | Guvi
- [100 Days of Python Expert](#) | Guvi
- [Database Design](#) | Oracle Academy
- [Design Thinking- A Primer](#) | NPTEL
- [MySQL](#) | Guvi
- [Mastering MongoDB](#) | Guvi

## **ACHIEVEMENTS & EXTRA CURRICULARS**

- Selected for **AICTE Vir Vtual Internship** - Cohort 13
- Cracked **NTSE Level 1** in Class X - recognized for academic excellence at national level
- **Cleared NDA Written Exam** - demonstrated discipline, aptitude, and physical fitness
- **Mess Inquiry Head (Student Role), Hostel Committee** - managed food service feedback, coordinated with mess staff, and represented student concerns
- Represented school as **Kabaddi Player up to District Level**