

Kundan Kumar Singh

☎ +91-9507627454 ✉ kundansinghnitian20111@gmail.com 🌐 LinkedIn 🏠 GitHub

EDUCATION

Maulana Azad National Institute of Technology (MANIT), Bhopal

Aug 2022 – May 2025

Master Of Computer Application (MCA)

CGPA: 7.67

M.P.S.Science College, Muzaffarpur

Aug 2017 – Dec 2020

Bachelor Of Computer Application (BCA)

Percentage: 73.50%

PROJECTS

Smart Academic Portal 🏠 | *Django, MySQL*

May 2024

- Engineered a scalable web application using **Django** to streamline core academic operations such as attendance tracking, marks entry, and timetable scheduling.
- Backend Development:** Architected and implemented modular backend components with Django's **MTV pattern**, handling business logic, routing, and form validation.
- Database Design:** Designed normalized relational schemas and utilized **Django ORM** to manage complex data relationships and ensure data integrity.
- Secure Role-Based Access:** Integrated Django's **authentication system** to support differentiated access for students and faculty, enhancing platform security.
- RESTful Interactions:** Developed backend logic to process HTTP requests and dynamically render user-specific data through server-side rendering.
- Admin Interface:** Leveraged Django Admin for efficient backend content management, record updates, and administrative controls.

HRMatrix 🏠 | *Spring Boot, MySQL*

July 2024

- Developed web-based application where users securely manage HR contacts with **OAuth-based login**, personalized dashboards, and export functionality.
- Backend Development:** Engineered the backend using **Spring Boot**, handling **HTTP requests**, managing **user sessions**, and implementing **business logic**.
- Database Management:** Designed and optimized **MySQL** databases for storing HR contact information, user data, and associated files.
- User Authentication:** Integrated secure **user authentication and authorization** with Spring Security, including **OAuth** for **social logins (Google, GitHub)**.
- File Storage:** Utilized **Cloudinary SDK** for storing and managing user-uploaded files like profile pictures and documents.
- Email Services:** Implemented **Java email services** to send **automated notifications**.

TECHNICAL SKILLS

Language: Python, Java

Frameworks: Django, Django REST Framework

API Development: RESTful API design and development using Django REST Framework

Database: MySQL

Core Subjects: Data Structures and Algorithms, Database Management System, Operating System

Developer Tools: VS Code, Postman, Git, GitHub

Soft Skills: Problem-solving, Time management, Adaptability

ACHIEVEMENTS

Achieved AIR 382 in NIMCET 2022 out of 70,000+ participants.

Achieved Certificate of Codekaze-Sep'23 from Coding Ninjas. [Certificate]

INTERESTS

Playing Cricket & Chess