

RAGHURAJ PRATAP SINGH

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Education

KIET GROUP OF INSTITUTIONS

BTech in Information Technology

Nov 2022 – June 2026

Ghaziabad, Uttar Pradesh

Relevant Coursework

- | | | | |
|------------------------|--------------------|---------------|--------------|
| • Data Structures(C++) | • Django Framework | • React-Redux | • Power BI |
| • HTML-CSS-JavaScript | • GSAP | • Bootstrap | • Database |
| • Python | • MS Excel | • Tailwind | • Blockchain |

Experience

Bharat Intern

Web Developer intern

July 2023– August 2023

virtual internship

- spearheaded the development of an e-commerce website , resulting in a 15% increase in user engagement during testing
- Architected a personal portfolio website to showcase projects, improving personal branding by 20%.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.

Projects

Learning Management System | HTML,CSS,JS,PYTHON,DJANGO

Nov 2023

- Led a team to develop a student LMS portal, with 100+ users, allowing teachers to upload notes, quizzes, and educational content
- Implemented a chatbot for student guidance, improving student engagement by 40% .
- Integrated multimedia support, enhancing the learning experience and reducing support requests by 25%.
- Enhanced user engagement by integrating multimedia support for better learning experiences.

Smart Electrical Charging Station | IOT, Python Django

April 2024

- The website displays real-time data on charging port availability, indicating whether a port is free or occupied.
- Users can register on the platform and reserve charging stations in advance, ensuring convenient access to free ports.
- The system integrates IoT devices to continuously monitor and update the status of each charging port on the platform.
- Admins can manage charging stations, update port status, and monitor system performance through a Django-based dashboard.

Technical Skills

Languages: C, C++, JAVA, Python, JavaScript, SQL

Web DevelopmentHTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS, GSAP, REST APIs, Responsive Web Design, Version Control (Git, GitHub),Redux,saas,Jira,API Integration, Cross-browser Compatibility

Backend Development:Python, Django, Flask, RESTful API Development, MySQL, PostgreSQL, Authentication (OAuth, JWT)

Blockchain Technology:Solidity, Ethereum, Smart Contracts, dApp Development,

Certifications

- Udemy – Full stack web development
- Coursera – MS Excel for Professionals (2024)
- CodeEater –Blockchain (2024)

Extracurricular

MLSA KIET

web coordinator

JUNE 2024 – Present

KIET group of Institutions

- * Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).
- * Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- * Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.

Kinesis Technical Society

April 2024– Present

Member

KIET group of Institutions

- * Organized engaging technical workshops and hackathons, improving members' skills and teamwork.
- * Created an interactive coding challenge framework that incorporated peer reviews, resulting in a 15% increase in code quality and a tool now utilized by 12 team members for continuous learning.