

PANKAJ KUMAR GUPTA

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EDUCATION

KIET GROUP OF INSTITUTIONS

2021 – 2025

Bachelor of Technology in Computer Science - **CGPA - 7.1**

Muradnagar, Ghaziabad

RELEVANT COURSES

- Data Structures
- Software Methodology
- Operating Systems
- Oops Concepts
- Algorithm Analysis
- DBMS
- Computer Network

EXPERIENCE

Freelance Full Stack Developer

Sep 2023 – Present

Stock Market Trading Web Application

Remote

- Developed a full-stack web application for stock market trading, resulting in a **25% increase** in client investment participation and improving overall user satisfaction by **30%**.
- Implemented secure user authentication and real-time data visualization, reducing unauthorized access attempts by **90%** and increasing user engagement time by an average of **15 minutes per session**.
- Acquired proficiency in **React.js** and **Node.js** through self-directed learning and practical application, reducing development time for new features by **40%** over the course of the project.

PROJECTS

Activity Tracking Website [🔗](#) | React.js, Redux

2023

- Developed a responsive **single-page application (SPA)** using **React.js**, optimizing task management for 50+ college club members.
- Architected efficient state management using **Redux**, improving component reusability and reducing code redundancy by **20%**.
- Designed a user-friendly interface with **Material-UI**, resulting in a **30% decrease** in time spent on task updates.

ApparelRecyclingMVP [🔗](#) | React.js, Node.js, MongoDB

2024

- Architected a full-stack **MERN solution** for a sustainable fashion initiative, implementing **RESTful APIs** for seamless data flow.
- Created a streamlined user experience with **React.js**, achieving a **25% reduction** in form submission time.
- Implemented robust data security measures using **MongoDB**, ensuring compliance with privacy standards.

Personal Portfolio [🔗](#) | React.js, Tailwind CSS, Framer Motion

2023

- Built a responsive portfolio using **React.js**, achieving a **40% boost** in performance metrics.
- Leveraged **Tailwind CSS** for efficient styling, reducing development time by **25%** while ensuring responsive design.
- Integrated **Framer Motion** for smooth animations, leading to positive feedback from **5 potential employers**.

OPEN SOURCE CONTRIBUTIONS

RuxailLab (Uramaki Lab) [🔗](#)

2024

Contributor

Remote

- Contributed to **UX Remote LAB**, an open-source project developing a user-centric platform for usability testing and heuristic evaluation, serving **500+ UX researchers** globally.
- Optimized image loading strategies to enhance web application performance, reducing initial load time by **40%** and decreasing bounce rate by **25%**.
- Enhanced website responsiveness through various techniques including **lazy loading** and **asset compression**, resulting in a **60% faster** page rendering speed.

TECHNICAL SKILLS

Programming Languages: C/C++, JavaScript

Web Development: HTML, CSS, React.js, Node.js

Databases: MySQL, MongoDB

Software & Tools: Git, GitHub, Docker, Postman

ACHIEVEMENTS

College Internal Hackathon

2023

Semifinalist

KIET Group of Institutions

- Advanced to the semifinals as one of 12 teams from over 200+ competitors, refining key features based on live user feedback. Demonstrated strong technical abilities throughout the competition.