Mayank Dev

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Education

KIET Group of Institutions   Nov. 2022 – July 2026
Bachelor of Computer Science and Engineering   *Ghaziabad, Uttar Pradesh*

St. Francis Inter College   April 2021 – July 2022
Intermediate in PCM   *Hathras, Uttar Pradesh*

Experience

KIET ERP Team   April 2023 – March 2024
Frontend Developer   *Ghaziabad, Uttar Pradesh*

- Revamped the college ERP system, resulting in a 30% improvement in user experience and a 25% increase in data processing speed.
- Engineered and deployed new software features, boosting system efficiency by 20% and reducing user-reported issues by 15%.
- Diagnosed and resolved over 50 complex database issues, maintaining a 99.9% data accuracy rate and ensuring system reliability.
- Applied React and Node.js technologies to optimize features, achieving a 40% reduction in load times.

Projects

Rann | *Next.js, Django* | rann.kiet.edu   **Feb 2024**

- Developed an event management system for Rann, improving coordination and management for over 200 participants.
- Constructed a responsive UI with Next.js, reducing user navigation time by 50% and enhancing engagement.
- Implemented Django for backend operations, optimizing database queries and cutting load times by 30%.

Antisocial | *MERN (MongoDB, Express.js, React, Node.js)*   **May 2024**

- Developed a social media platform, increasing user engagement.
- Created a real-time chat feature, enhancing user communication and boosting daily active users.

StarSol Tracker | *Next.js, Solana Web3.js, Tailwind CSS*   **June 2024**

- Designed a web application for tracking assets on the Solana blockchain, enabling users to monitor balances and transactions.
- Engineered data retrieval from RPC and API endpoints, enhancing performance and reducing retrieval times.
- Crafted a user-friendly interface with Next.js and Tailwind CSS, increasing user satisfaction ratings.

Octasol | *Next.js, TypeScript, Tailwind, Solana, Rust (Anchor)*   **July 2024 – Present**

- Creating an open-source bounty platform for GitHub, facilitating collaboration between maintainers and global contributors.
- Implementing Solana blockchain and Rust smart contracts to ensure a secure and transparent bounty system.
- Integrating Prisma and PostgreSQL for advanced database management, improving data handling efficiency.

Technical Skills

Languages: Java, HTML/CSS, JavaScript, TypeScript
Front-end: AngularJS, ReactJS, NextJS, SvelteJS, TailwindCSS
Back-end: ExpressJS
Database: PostgreSQL, MongoDB, Firebase
Technologies/Frameworks: Linux, Git

Leadership / Extracurricular

Freelance Web3 Frontend Developer   **Present**

- Delivered Web3 frontend projects, enhancing user interfaces and increasing user engagement.

Fullstack Developer, Cyber Peace Center Club   **Present**

- Spearheading fullstack development efforts in the Cyber Peace Center Club, contributing to cybersecurity projects that elevated system security.