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*

- Enhanced the college ERP system, resulting in a 30% improvement in user experience and a 25% increase in data processing speed.
- Developed and integrated new software features, increasing system efficiency by 20% and reducing user-reported issues by 15%.
- Resolved over 50 complex database issues, maintaining a 99.9% data accuracy rate and ensuring continuous system reliability.
- Utilized technologies such as React and Node.js to develop and optimize features, contributing to a 40% reduction in load times.

Projects

Rann | *Next.js, Django*   Feb 2024

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

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

- A social media platform enabling users to interact with content, leading to a 40% increase in user engagement.
- Built a real-time chat feature, improving user communication and increasing daily active users by 25%.

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

- Created a web application for tracking assets on the Solana blockchain, allowing users to monitor balances and transactions.
- Engineered data retrieval from RPC and API endpoints, enhancing application performance and reducing data retrieval times by 40%.
- Designed a user-friendly interface with Next.js and Tailwind CSS, achieving a 25% increase in user satisfaction ratings.

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

- Developing 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, targeting a 20% reduction in fraud.
- Integrating Prisma and PostgreSQL for advanced database management, aiming to improve data handling efficiency by 30%.

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

- Completed 10+ Web3 frontend projects, enhancing user interfaces and increasing user engagement by up to 30%.

Fullstack Developer, Cyber Peace Center Club   Present

- Led fullstack development efforts in the Cyber Peace Center Club, contributing to cybersecurity projects that increased system security by 25%.