NIKHIL SAXENA

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Education

KIET Group of Institutions   **November 2022 – Present**
Bachelor of Technology in Computer Science   *Ghaziabad, U.P.*

St. Paul's School   **March 2021**
Intermediate   *Rampur, U.P.*

St. Paul's School   **March 2019**
High School   *Rampur, U.P.*

Experience

LetsGrowMore   **May 2023 – June 2023**
Web Development Intern   *Remote*
- Developed and maintained responsive web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js)
- Collaborated with a cross-functional team to design and implement RESTful APIs, enhancing the app's functionality and performance.
- Utilized Git for version control, ensuring smooth and organized development workflows.
- Participated in code reviews, debugging, and troubleshooting to maintain high-quality standards and performance.

Projects

ImaGenie | *MERN Stack, Limewire API, TailwindCSS*   **May 2024 - June 2024**
- Developed a full-stack image generation application using the MERN Stack (MongoDB, Express.js, React.js, Node.js), enhancing user interactions with seamless and efficient functionality.
- Integrated the Limewire API for advanced image creation capabilities, allowing users to generate images from text prompts with various customization options.
- Implemented a responsive and user-friendly UI using Tailwind CSS, ensuring compatibility across different devices and screen sizes.
- Managed state and asynchronous API calls in React, utilizing hooks and context to handle data efficiently and enhance user interaction
- Configured Cross-Origin Resource Sharing (CORS) policies to facilitate smooth communication between the front-end and back-end services.

NoteForge | *MERN Stack, Vite, Tailwind CSS, Vercel*   **April 2024**
- Developed a robust note-taking application using the MERN stack (MongoDB, Express.js, React, Node.js) with Vite for an enhanced development experience
- Implemented user authentication with JWT to ensure secure access to notes, including login and signup functionality.
- Implemented CRUD operations for notes, enabling users to seamlessly create, read, update, and delete notes within a responsive UI designed with Tailwind CSS.
- Configured alerts for login-required scenarios and session expirations, enhancing the user experience by providing clear feedback and guidance.
- Implemented responsive design principles to ensure the application is fully functional and visually appealing across various devices and screen sizes.

Portfolio Website | *React.js, Tailwind CSS, Vercel*   **January 2024**
- Developed a personal portfolio website using React.js and Tailwind CSS to showcase my projects and skills.
- Deployed the website on Vercel for reliable and fast hosting, ensuring high availability and performance.
- Integrated project sections with dynamic functionality, enabling effortless updates and effective showcasing of new projects.

Technical Skills

Languages: C/C++, Javascript, Java
Frameworks: ReactJS, ExpressJS, TailwindCSS
Developer Tools: VS Code, Vite, Vercel, PostmanAPI
Technologies: GitHub, Canva
Database: MongoDB

Extracurricular

Competitive Programming   **December 2023 – Present**
- Achieved a 2-star rating (1573) on CodeChef, demonstrating strong competitive programming skills.
- Achieved proficiency by solving over 300 problems across various platforms: 50+ on LeetCode, 100+ on CodeChef, and 150+ on Codeforces, showcasing a deep understanding of algorithms.