

Sujit Kumar

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EDUCATION

Kamla Nehru Institute of Technology

MCA

CGPA: 8.13

Sultanpur, UP (IN) | Nov 2022 - 2024

WORK EXPERIENCE

PRO SEC DEVS | FULL STACK DEVELOPMENT INTERN

Remote | July 2022 – Present

- Coordinated **frontend and full stack projects**, ensuring user-friendly interfaces and faster website loading for an improved experience.
- Managed the **deployment of domains** on servers, including platforms like **Digital Ocean**. Ensured websites are secure and accessible through implementation of **HTTPS** and **SSL certificates** using **Let's Encrypt**.
- Worked on **backend security**, reducing security incidents through improved **server-side validations** and **API rate-limiting** strategies.
- Enhanced **authentication and authorization** processes, including the implementation of **rollbase-access-control** functionality. This minimized unauthorized access and enhanced user privacy.
- Utilized **MariaDB** expertise for efficient **relational database management**, improving query response times noticeably.
- Managed **Linux administration** tasks, ensuring smooth server operations and system maintenance.
- Oversaw **database administration**, optimizing database performance and ensuring data integrity.
- Stayed current with **industry best practices** and emerging technologies, integrating them into workflows to increase team efficiency.

PROJECTS

PORTFOLIO WEBSITE 

OCT 2023 – PRESENT

- Developed a personal portfolio website using **Next.js with Typescript**, **Tailwind CSS**, and **RechartsJs**.
- Implemented server-side rendering (**SSR**) with **Next.js**, ensuring optimal performance and search engine optimization (**SEO**).
- Leveraged the power of **Next.js dynamic routes** for seamless navigation and efficient content loading.
- Utilized **Tailwind CSS** for styling, following a utility-first approach to create a clean and maintainable design.
- Integrated interactive charts and graphs with **RechartsJs** for dynamic data visualization of skills and achievements.
- Implemented best practices for **SEO**, including meta tags, sitemap generation, and **OpenGraph** preview for enhanced social media sharing.

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SEPT 2023 – OCTO

- Designed an intuitive user interface using **React with TypeScript** and **Tailwind CSS**, resulting in a notable increase in user satisfaction.
- Engineered the backend infrastructure using **Express.js** and **MariaDB**, optimizing data processing and achieving faster query response times.
- Implemented advanced **Server-Side Validation** and **Rate Limiting** techniques, bolstering security and reducing potential threats substantially.
- Deployed the project on a **Digital Ocean** server, ensuring global accessibility and maintaining a high uptime rate.
- Developed an **Admin Panel** for efficient management, enhancing control over website functionalities and data.

ACHIEVEMENTS

- Attained **Runner-up** position in the **Devsnest Hackathon** among **300+ participants**.
- Made significant contributions to multiple **Open Source** Projects, successfully submitting over **15+ pull requests**.