Saurav sharma

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EXPERIENCE

Young Innovation pvt Ltd.[🌐]   *Jan 2025 - present*
Frontend Developer   Kathmandu, Nepal

- Developed and maintained scalable, responsive web applications using React.js, TypeScript, and Tailwind CSS.
- Improved application performance by implementing code-splitting, lazy loading, and efficient state management using React Query (TanStack Query).
- Created reusable UI components and design systems, enhancing development efficiency and code consistency across projects.
- Collaborated with cross-functional teams in an Agile environment, contributing to feature planning, development, and deployment via CI/CD pipelines.
- Integrated data visualization tools like Recharts to build interactive dashboards and improve user insights and decision-making.

Young Innovation pvt Ltd.[🌐]   *Aug 2024 - Dec 2024*
Frontend Intern   Kathmandu, Nepal

- Learned HTML/CSS best practices to convert complex wireframes into responsive web pages.
- Learned the fundamentals of building responsive user interfaces and integrating frontend with backend services.
- Built modular and reusable styles using SASS and BEM methodology to maintain consistent UI architecture.
- Learned Git version control while collaborating on team repositories and feature branches.
- Developed a social media frontend using React.js, Redux and Hooks to create dynamic, interactive user interfaces.

EDUCATION

Oriental College of Technology   *2020 - 2024*
B.Tech, Computer science engineering specialization in Cyber Security   Bhopal, India

- CGPA: 8.87/10

Dav Sushil Kedia Vishwa Bharti   *2018-2020*
High Schooling   Kathmandu, Nepal

- Grade: 80.83%

Gyan Bharti Public School   *2018*
Secondary Schooling   Darbhanga, India

- Grade: 73%

PROJECTS

Air Traffic Flow Management
Tech stack: [React.js, Sass, tailwind,Tanstack Query,rechart]   [🌐]

- Implemented Server-Sent Events (SSE) to facilitate live traffic updates, system notifications, and instant CRUD synchronization.
- Integrated react-virtuoso to efficiently virtualize large data tables, ensuring smooth performance for heavy datasets.
- Developed interactive geospatial components using Leaflet to visualize flight paths and real-time coordinates.
- Built dynamic analytical charts using Recharts.js to translate flow management data into visual insights.

- ◦ Utilized Ant Design libraries to construct modular, responsive UI components, ensuring a consistent design system.
- ◦ Collaborated on frontend logic to manage real-time information flow and optimize application state.

- **Social media application**

  Tools: [React.js, Sass, tailwind,Tanstack Query] [⏻]

  - ◦ Users can create, edit, and update profiles, as well as search for other users.
  - ◦ Allows users to create, like, and delete posts, enabling basic social interaction.
  - ◦ Implements full CRUD functionality, with real-time UI updates for smooth user experience.
  - ◦ Designed to highlight frontend-backend integration, state management, and API handling in modern web apps.

- **ChatApp**

  Tools: [React,Tanstack Query and Router, tailwind, Socket.io,Zustand]

  - ◦ Developed a real-time chat application using React and TanStack Router, ensuring seamless type-safe navigation and state management.
  - ◦ Integrated Socket.io to enable bi-directional, low-latency communication between the frontend and backend for instant messaging.
  - ◦ Architected a scalable UI using reusable components, following clean code principles to ensure maintainability and consistency.
  - ◦ Optimized frontend performance by implementing efficient rendering patterns for high-frequency live data updates.

SKILLS

- **Web Technologies :** HTML, CSS, Javascript, Typescript.
- **Libraries & Frameworks :** React, Next.js, TanStack Router, Tanstack Query
- **State & Data Management :** Redux, zustand ,TanStack Query, Context API, Server-Sent Events (SSE), socket.io
- **UI & Data Visualization :** Ant Design, Shadcn UI, Material UI, Tailwind CSS, Recharts.js, Leaflet.
- **Version Control:** GitHub, GitLab.

CERTIFICATIONS

- **Coursera - IBM:** CyberSecurity Analyst
- **Coursera - META:** Frontend Developer
- **Ec-council :** Ethical Hacking Essential

ADDITIONAL INFORMATION

Languages: English(Proficiency level), Nepali(Proficiency level), Hindi(Proficiency level)
Nationality: Indian