Sarad Babu Shrestha

Budhanilkantha, Kathmandu

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Education

Lalitpur Engineering College
Bachelor of Engineering in Computer Engineering *Patan, Lalitpur*

Relevant Coursework

- Web Development
- DSA
- Database Management
- Artificial Intelligence
- Operating Systems
- Internet Technology
- Software Engineering

Experience

Leapfrog **1st June 2024 – 30th July 2024**
60 Days Coding Challenge
- Completed a 60-day challenge focused on React.js development, building projects like a to-do list, form validation, and user cards.
- Gained in-depth experience with React routing, hooks, and state management.
- Developed custom hooks to optimize component reusability and functionality.

Projects

Hamro Job App | *MERN stack* **2023**
- Designed responsive React.js interfaces, integrated MongoDB for data storage, and deployed RESTful APIs using Express.js.
- Built a job-search social media platform that allows users to make professional connections.

We Park | *YOLO, Python, Html, Css, Javascript* **2023**
- Trained a model using YOLO to recognize vehicle license plates, implementing EasyOCR for character recognition.
- Developed an admin panel to monitor parking space availability and calculate fees.
- Created a mobile app that shows nearby parking spots and relevant information.

Advance Blog List | *React Router,JavaScript, Html,Css,Rest Api* **2024**
- Built a dynamic blog platform with post filtering by query, title, and author.
- Integrated search and view functionalities, displaying posts as cards with intuitive UI.
- Ensured seamless navigation using React Router, enhancing user experience.

Kurakani Chat App | *MERN,Socket.io,TailwindCSS ,Daisy UI* **2024**
- Implemented JWT-based authentication and authorization to secure user sessions and control access.
- Integrated real-time messaging and online user status tracking using Socket.io and React Context for seamless communication and updates.
- Employed Zustand for efficient global state management across the app, enhancing scalability.
- Styled the application using TailwindCSS and Daisy UI for a modern, responsive design.

Technical Skills

Languages: React.js, HTML5, CSS3, JavaScript, Node.js, Express.js,Python
Developer Tools: VS Code, Postman, React Developer Tools,Git/GitHub
Technologies/Frameworks: React Router, Outlet, GitHub, Bootstrap/Styled Components, Redux

Leadership / Extracurricular

Buthanilkantha Youth Council **Jun 2022 – Jun 2024**
Treasurer
- Managed financial operations and led various youth initiatives to promote education and social welfare.

Hult Prize IOE **Jan 2022 – Feb 2022**
Campus Representative
- Led and organized university events, encouraging student participation in social entrepreneurship programs.

Code For Change **Jan 2022 – Dec 2022**
General Member
- Actively participated in initiatives aimed at social change while enhancing technical skills in React.js.