Sanjiv Chaudhary

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Frontend Developer with 3.5+ Years of Experience in Web Application Development

I am passionate about leveraging the latest technologies to craft seamless and engaging user experiences, consistently delivering high-quality, performance-driven applications.

PROFESSIONAL EXPERIENCE

December 2021 - Present, YoungInnovations Pvt. Ltd.

Software Engineer II (current)

- **Component Design**: Designed block diagrams, UI flow diagrams, and component architectures aligned with project requirements.
- **Frontend Development**: Crafted and implemented responsive and dynamic frontend interfaces using HTML, CSS, JavaScript, and modern frameworks like React.js, Next.js, Vue.js, and Nuxt.js.
- **TypeScript Expertise**: Employed TypeScript for type-safe development, enhancing code maintainability and reducing bugs.
- **Authentication & Authorization**: Implemented robust authentication and authorization mechanisms, including access token management and refresh token workflows, ensuring secure user sessions.
- **API Integration**: Experienced in working with RESTful services and integrating third-party APIs to enrich project functionality.
- **Advanced Animations**: Integrated GSAP to create sophisticated animations and transitions, improving user engagement within web applications.
- **Data Visualization**: Utilized data visualization tools to present complex datasets in a visually compelling and easily interpretable manner.
- **State Management**: Implemented state management solutions using Redux, Vuex, and Pinia.js, ensuring scalable and maintainable applications.
- **Team Collaboration**: Worked closely with cross-functional teams to coordinate project execution, facilitating effective communication and timely delivery.

- **Team Leadership**: Led frontend teams on multiple projects, ensuring consistent delivery of high-quality results.
- **Talent Acquisition & Mentorship**: Conducted technical interviews and assessments, successfully recruiting skilled developers. Mentored new hires to help them quickly adapt and contribute effectively to the team.

January 2022 - Present, Four walls innovations Pvt. Ltd (Part-Time)

Lead FrontEnd Developer

- **Web Application Development**: Designed, developed, and maintained the frontend of a web application focused on locating electric vehicle (EV) charging stations across Nepal.
- **Google Maps Integration**: Implemented Google Maps API to display EV charging stations with seamless user interaction and intuitive map navigation.
- **Route Optimization**: Utilized the Google Directions API to calculate routes and display chargers within a specified radius along the user's selected path.
- **Mobile Application Development**: Built a React Native mobile application, enabling users to locate EV charging stations with real-time data and integrated map functionalities.
- **Secure Authentication**: Developed robust authentication and authorization workflows, including access token and refresh token mechanisms, to ensure secure user sessions.

June 2021 - December 2021, YoungInnovations Pvt. Ltd (Intern)

- **Frontend Development**: Developed and maintained responsive, user-friendly web applications using React.js and Vue.js, ensuring seamless user experiences.
- **API Integration**: Implemented front-end functionalities and integrated RESTful API services, improving application interactivity and data flow.
- **Component Architecture**: Designed and developed reusable, modular components to enhance code reusability and scalability.
- **Performance Optimization**: Optimized web applications for better performance, including improving load times and rendering speeds.
- **UI/UX Collaboration**: Worked closely with designers to translate wireframes and prototypes into functional, visually appealing interfaces.
- **Cross-Browser Compatibility**: Ensured applications were functional across various browsers and devices.
- **Version Control**: Utilized Git and GitHub for version control and collaborative development.
- **Team Collaboration**: Actively participated in code reviews and team discussions, contributing to project planning and problem-solving.

SKILLS

- **Frontend Technologies**: HTML, CSS, Sass/SCSS, Tailwind CSS, Bulma, Bootstrap
- **JavaScript & Frameworks**: Vanilla JavaScript, jQuery, React.js, React Native, Next.js, Vue.js, Nuxt.js, TypeScript
- **API Integration**: RESTful APIs, OpenAPI, Postman
- **Animations & Data Visualization**: GSAP, Leaflet, Google Maps, D3, ApexCharts, Chart.js
- **Version Control**: Git, Git Hooks (e.g., pre-commit)
- **Coding Standards & Tools**: ES6, ESLint, Stylelint, Husky
- **Project Management Tools**: JIRA, GitLab, GitHub, Bitbucket

EDUCATION

Bachelor of Information Technology (BIT)
Kist College of Information Technology, 2017 - 2022

PROJECTS

AidStream
- **Project Overview**: AidStream is a tool designed to help organizations publish their aid data in compliance with the International Aid Transparency Initiative (IATI) standard, simplifying the process for users.
- **Programming Languages**: HTML/SCSS, TypeScript
- **Tools**: Postman, GitLab

- **Technologies**: Vue.js
- **Link**: https://aidstream.org/

IATI Publishing Tool

- **Project Overview**: IATI Publisher is a free-to-use tool built using the Laravel framework, designed to streamline adding, modifying, and updating IATI data. The tool aims to provide publishers with a simplified, intuitive, and efficient interface. The International Aid Transparency Initiative (IATI) works to enhance transparency and openness of resource flows into developing countries. For more information.
- **Programming Languages**: HTML/SCSS, TypeScript
- **Tools**: Postman, GitLab
- **Technologies**: Vue.js
- **Link**: https://publisher.iatistandard.org/

Career Service Center

- **Project Overview**: The Career Service Center (CSC) helps bridge the gap between academia and industry by equipping individuals with essential professional and soft skills needed to excel in the workforce. CSC aims to connect students with suitable employment opportunities while assisting organizations in finding the perfect candidates for their teams.
- **Programming Languages**: HTML/SCSS, TypeScript
- **Tools**: Postman, GitLab
- **Technologies**: Next.js
- **Link**: https://careerservicelab.com/

SUSASAN User Management

- **Project Overview**: The sustainable use of Technology for Public Sector Accountability in Nepal is a project of the Centre for International Studies and Cooperation (CECI) funded by Global Affairs Canada (GAC).
- **Programming Languages**: JavaScript, TypeScript
- **Tools**: Visual Studio Code, Postman, GitHub
- **Technologies**: React.js
- **Link**: https://dashboard.mellekhmun.gov.np/

AilePay

- **Project Overview**: AilePay is an eCommerce platform designed to help businesses in Nepal manage their products and integrate various payment gateways efficiently. The platform aims to simplify the process of online transactions and product management.
- **Programming Languages**: HTML/SCSS, TypeScript

- **Tools**: Visual Studio Code, Postman, GitLab
- **Technologies**: Vue.js
- **Link**: https://www.ailepay.io

Charging Stations Nepal

- **Project Overview**: Charging Stations Nepal is a platform designed to help users locate over 100 electric vehicle charging stations across Nepal. The platform allows users to find the nearest charging points, check availability, and support the transition to greener transportation. The project includes web and mobile applications for comprehensive accessibility.
- **Programming Languages**: HTML/SCSS, TypeScript
- **Tools**: Visual Studio Code, Postman, GitLab, Docker, Postgresql
- **Technologies**: Next.js (web application), React Native (mobile application)
- **Link**: https://chargingstationsnepal.com/ | https://play.google.com/store/apps/details?id=com.chargingstationsnepal&hl=en

Other projects:

https://preprlabs.org.

LANGUAGE

- Proficiency in written and spoken English
- Proficiency in written and spoken Nepali

TRAINING AND CERTIFICATIONS

- Javascript Essential Training apr 2021(LinkedIn learning)