SULAV BARAL

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EDUCATION

Prime College   Khusibun, Kathmandu
Bachelor in Science in Computer Science and Information Technology   *June. 2021 – Present*

Related Coursework: Data Structure and Algorithms, Mathematics, Programming in C and C++, Web Technology, Database Management System

EXPERIENCE

Junior Frontend Developer   June 2023 – Present
eParamarsha   *Remote, Part-time*
- Reduced user-reported issues by 25% through app improvements. Decreased page load time by 10% across various areas.
- Increased reporting uploading, printing and downloading speeds and increased report generation accuracy by 20%.
- Enhanced AWS cloudfront access with on demand usage for different components and minimized unncesary hits by almost 50%.

NextJS Frontend Developer   August. 2023 – Present
Fatafat Sewa   *Kathmandu, Nepal*
- Redesigned the frontend of the website utilizing modern web development technologies like NextJS, shadcn UI and tailwindCSS
- Reduced Page load speeds in desktop by almost 30% from the previous iteration of the website
- Extended functionality with a fully fleged modern UI for the content management system(CMS) for the website access and control

PROJECTS

Smart Match | *NextJS, NestJS, Python* | ***Github Link***   Deerhack 2024
- Developed an AI-powered job matching platform similar to LinkedIn, leveraging AI and LLM technologies in a 36 hour hackathon period.
- Users can search and apply for jobs, with an AI model providing a resume match percentage against job descriptions.
- Integrated a chatbot using the OpenAI API for enhanced user interaction.
- The platform supports both users and companies, allowing job searches, listings, and candidate filtering based on resume matches.

BetterBikes | *NextJS, Express, PostgreSQL, SocketIO* | ***Github Link***   October 2023 – December 2023
- Developed a full-stack web application with Next.js for the frontend and Express with TypeScript for the backend.
- Integrated PostgreSQL for the database and Socket.IO for real-time communication features.
- Implemented a vehicle booking system with a real-time chat interface to enhance user interaction.
- Deployed the application on Vercel and Azure for continuous integration and deployment.

TECHNICAL SKILLS

Languages: Javascript, Typescript, C/C++, SQL (Postgres), HTML/CSS
Frameworks/Libraries: React, Node.js, NextJS, ExpressJS, Flask, ShadcnUI, MaterialUI, TailwindCSS
Developer Tools: Git, Docker, Vercel, Firebase, Postman, Pocketbase, VS Code, Linux, Latex

VOLUNTEERING/INVOLVEMENT

General Member/ Web Development Lead | *ReactJS*   Prime IT Club
- Frontend lead for club's major event ICT meetup v7.0 organized in January 2024.
- Organized small sessions to share knowledge amidst 20-30 members as the part of our club's internal knowledge sharing sessions.
- Developed the website for upcoming event hackathon *Hackaverse Genesis* | ***Click for Live Preview***
- Lead the marketing department research team for social media platform content.