Rohit Kumar Sah

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EXPERIENCE

Tech Central, Nepal   Oct. 2023 - Present
Frontend Engineer

- Streamlined workflow using Gulp, enhancing **task automation**, and boosting overall project efficiency.
- Ensured top-notch **web performance** by incorporating Lighthouse metrics into development practices, consistently achieving high scores for projects.
- Leveraged **CSS preprocessors (e.g., SASS)** to efficiently style the web application using mobile first style, resulting in a consistent and visually appealing user interface.

Aifiverse Tech Services   Oct. 2022 - Jan. 2023
Frontend Engineer

- Troubleshot and debugged complex issues within React applications, maintaining a high level of application **stability** and **reliability**.
- **Worked closely with UI/UX designers** to translate mockups and wireframes into functional React components, ensuring pixel-perfect implementation.
- Conducted regular meetings with team members to **track progress**, **address challenges**, and **ensure project alignment** with organizational goals.

PROJECTS

HEx 2023 Website (Event, Hackathon & CTF)   Jul. 2023
HEx Website, HEx Genius & HEx CTF | 1 months

- Volunteered in **designing** and **developing** websites for HEx Himalaya, including hackathon, events list, and CTF sites (also member of the CTF organization team) organized by Himalaya College of Engineering.
- Optimized website to score **100% in Lighthouse in all factors** and implemented strategic keywords for top-notch search engine rankings handling over **7000 requests in 36 hrs.** timespan.

Multi-tenant Ecommerce Platform   Jan. 2023 - Jun. 2023
Hamro pasal | 6 months

- Highly scalable **secured** GraphQL API backend with **fault tolerance** and **load balancing** with **TypeORM with Postgres and Redis** to manage user sessions, caching, rate limiting and safe queries to the database.
- Developed a storefront using Nextjs and ChakraUI to build **user-friendly** and **human centric** design.

SKILLS

Technical Skills

Web Development: React.js, TypeScript, Graphql, Node.js, Express.js, Next.js, Redux, Tailwind CSS, React Native
Database & Streams: Postgres, Firebase, Redis, TypeORM, Prisma, Datagrip
Data Science: Sci-kit Learn, Weka, PyTorch, Tableau
Productivity Boost: Git, VS Code, Vim (Basics), Bash

Communication

Able to *communicate effectively* with a range of people by showing interest and carefully listening to their needs. Strong presentation and demonstration skills; Confident and professional *speaking abilities.*

EDUCATION

Student Exchange Program (University of Milan)   2023 Feb – 2023 July
Università degli Studi di Milano Statale, Italy   **Marks : 27/30**

B.tech Computer Science and Engineering   2019 – 2023
Amrita School of Engineering, Chennai   **CGPA: 8.66/10**

OTHER DETAILS

Additional Activity: Mentor for Cognizance (College Club) for 2 years | Live-in-Labs (Research for development & sustainable solutions) | Mentor and Core Organization Team for Hex Himalaya Website, Hackathon, CTF, etc.

Scholarships: Compex Scholarship Program (Indian Embassy, Nepal) | Mahatma Gandhi Scholarship.

Relevant Courses: Linear Algebra, Probability & Stats, Big Data Analytics, Machine Learning, etc.

Languages: English (fluent) | Nepali (fluent) | Hindi (conversational) | Japanese (beginner).