

# Rohit Kumar Sah

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## EXPERIENCE

### Aifiverse Tech Services

Oct. 2022 - Jan. 2023

Frontend Engineer

- Troubleshoot 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.

### Supreme IT Solutions

Aug. 2021 - Oct. 2021

Frontend Engineering Intern

- Developed a dynamic E-Commerce website using Next.js, incorporating modern React components for enhanced **user experience** and **performance**.
- Successfully **integrated API endpoints** into the web application, enabling seamless data retrieval and updates for real-time product information.
- Leveraged **CSS preprocessors (e.g., SASS, LESS)** to efficiently style the web application, resulting in a consistent and visually appealing user interface.

## 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 36hrs** timespan.

### 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 Next.js 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**

### 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:** Complex 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).