



Suraj Gurung

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🎓 Education

Bachelor in Computer Engineering,

Pokhara Engineering College/Pokhara University

2021 – 2025

Pokhara, Nepal

Courses: Operating Systems, Computer Architecture, Advanced Web Development, Data Structures and Algorithms, Programming Technology, Data Mining, E-commerce, NLP

📁 Projects

N-GVLH (Next-Gen Virtual Learning Hub) ↗

Next.js, MongoDB, AI Integration, Stripe

- Built an online learning platform featuring interactive video courses and live teacher interactions.
- Added teacher following, personalized announcements, and secure payment processing via Stripe.
- Implemented AI-powered Q&A forums and a smart search function.
- Designed a responsive, customizable UI with dark and light modes for improved user experience.

RealTime Collab ↗

Next.js, React, TypeScript, Convex, Clerk

- Developed a collaborative workspace with real-time document & code editing, interactive whiteboards, and AI-powered chat summaries.
- Implemented secure authentication and organization-based access control for seamless team productivity.

Habit Tracker ↗

Flutter, Firebase, Google Sign-In, Get Storage, Hive

- Developed a habit-tracking mobile application using Flutter.
- Integrated Google Sign-In for authentication and Firebase for real-time data storage and notifications.
- Utilized Get Storage and Hive for efficient local data management and improved performance.
- Designed an interactive heatmap to visualize user habits and track consistency.

Other Projects

- RAWG Clone ↗

Created a game discovery platform using Next.js with search and filter features.

- Zoom Clone ↗

Built a video conferencing app with real-time calls and screen sharing.

- Todolist Clone

Task management app using Expo, Clerk for auth, and SQLite for local persistence.

Technical Skills

- **Languages:** JavaScript, TypeScript, HTML, CSS, Dart
- **Frameworks & Libraries:** React Native, React.js, NextJS
- **Mobile Development:** Expo, Native Modules
- **Backend & Databases Technologies:** RESTful APIs, Firebase, SQL, MongoDB

What I learned

- Building maintainable and scalable websites.
- Managing state efficiently using Context API.
- Integrating third-party APIs and authentication.
- Debugging and performance optimization.
- Working with different databases and backend services.
- Enhancing UI/UX design for better user experience.

Soft Skills

- Problem-Solving
- Self-Motivation
- Adaptability
- Attention to Detail
- Effective Communication