

Sambid Ratna Shakya

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PROFILE

A frontend developer with hands-on experience in building responsive and user-friendly web and mobile applications.

EDUCATION

Himalaya College of Engineering , TRIBHUVAN UNIVERSITY 04/2021 - 02/2025
BSc CSIT (Bachelor of Science in Computer Science and Information Technology)

WORK EXPERIENCE

Chulo Solutions 07/2025 - 10/2025
OJT (On-the-Job Trainee)

- Contributed to sprint planning, daily stand-ups, and collaborative teamwork while following QA processes, debugging, and Agile practices using Jira.
- Contributed to the migration of the codebase to a newer React Native version, enabling the new architecture, managing the rebuild process, resolving compatibility issues, replacing deprecated packages with updated alternatives, ensuring smooth feature integration, and converting the codebase from JavaScript to TypeScript.
- Contributed to refining user interfaces, improving overall user experience.
- Migrated UI from an old EJS setup to a newly initialized Next.js project, implementing changes according to Figma designs.
- Assisted in refactoring existing codebase and implementing reusable components.
- Identified and resolved various software bugs and inconsistencies.

Chulo Solutions 05/2025 - 07/2025
Full Stack Development Intern

- Developed foundational skills in Ruby on Rails through practical projects.
- Worked with React (via Vite) for web and React Native for mobile applications.
- Assisted in testing and debugging Rails APIs using Postman, ensuring smooth data flow and integration with React front-end applications.
- Observed full-stack development workflows and gained exposure to Agile software development practices.

PROJECT

KathmaTube (Youtube Clone)

02/2025 - 12/2025

Developed a full-featured YouTube-style video platform supporting video upload, processing, playback, user authentication, comments, likes/dislikes, threaded replies, subscriptions, playlists real-time optimistic UI interactions etc.

Tech Stack: React, Next.js, Drizzle, Clerk, TRPC, Tailwind CSS, Shadcn, Uploadthing, MUX, NeonDB

- Built type-safe APIs with tRPC for comments, likes, subscriptions, and user interactions.
- Integrated Clerk authentication for secure sessions and protected routes.
- Used Mux for complete video handling, uploads, processing, thumbnails.
- Implemented additional user banner and thumbnail pictures using UploadThing.
- Implemented a type-safe and scalable database layer using Drizzle ORM.

Resume Builder Web App

09/2024 - 01/2025

Developed a full-stack web application that allows users to create professional resumes.

Tech Stack: React, Next.js, Tailwind CSS, Node.js, Zustand, Clerk, Prisma, Framer Motion

- Enabled user authentication with Clerk and stored resumes securely in PostgreSQL database.
- Utilized Zustand for efficient global state management.
- Created a multi-step form with validation.
- Enabled PDF generation and print functionality for user resumes, allowing seamless export and hard copy support.
- Built intuitive UI/UX with responsive design, auto-save features, and drag-and-drop section reordering

X (Twitter Clone)

01/2024 - 07/2024

Built a full-stack X (Twitter) clone with authentication, real-time posting, media uploads, dynamic profiles & more.

Tech Stack : React, Next.js, Tailwind CSS, Node.js, Zustand, Next-Auth, React Query, Prisma

- Recreated core functionality of X (formerly Twitter) including posting, liking, replying, following, and real-time DM's.
- Designed responsive UI/UX using Tailwind CSS, shadcn/ui & Framer Motion.
- Implemented Next-Auth for secure user sign-up/login with session management.
- Utilized React Query for optimized data fetching, caching & Infinite Scroll.

SKILLS

• HTML

• CSS

• Javascript

• TypeScript

• ExpressJS

• React

• Next JS

• React Native

• Drizzle

• Prisma

• PostgresSQL