Raman Baral

Kathmandu, Nepal

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SUMMARY

Full-Stack Software Engineer & AWS Certified Solutions Architect (SAA-C03) with hands-on experience building production-ready web applications using **Next.js, Node.js, TypeScript, and PostgreSQL**. Expert in designing scalable, cloud-native systems and leveraging **Docker and AWS** to deliver high-availability solutions.

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, C/C++, GO
Databases: Mysql, Postgresql, Mongodb, Redis
Framework/Cloud/Technologies: Reactjs, Nextjs, Nodejs, TailwindCSS, AWS, Docker, Git, OOPs, DSA, linux

EXPERIENCE

Frontend Developer   **Velvel.Capital**   **Remote | 2022 - 2023**
- Worked as a Web3 Frontend Developer, building responsive frontend applications from scratch using React. Integrated Ethereum-based smart contracts with Web3 libraries like Ethers.js and MetaMask to enable seamless blockchain interactions.

Full Stack Developer   **I.STEM Lab**   **Kathmandu | Aug 2025 - present**
- Developed and maintained web applications using TypeScript, Next.js, and React, ensuring scalable, performant, and maintainable codebases.
- Built responsive, user-friendly UI components leveraging **Shadcn**, **TailwindCSS**, and **component-based architecture**.
- Integrated REST APIs endpoints to manage dynamic data flow between frontend and backend.

EDUCATION

Tribhuvan University, Amrit Science Campus (**ASCOL**)   2022 – 2026
Bachelor of Information Technology (BIT)
Relevant Coursework: C/C++, OOPs, OS, DBMS, Networking, AI, Security, Web Technology, PHP, JAVA, .NET

PROJECTS

SkyNest   [**Github**](Github) | [**Live Demo**](Live Demo)
Tech Stack: Nextjs, Typescript, Postgresql, Drizzle, zod, zustand, react-hook-form, Docker, AWS
- A cloud storage platform allowing users to upload, manage, and organize **images and PDFs**.
- Implemented **file system features,** favorite tagging, renaming, deleting, downloading, and nested folder creation.
- Engineered **storage tracking logic** to monitor storage usage per user, and management of allocated space.
- Built **dynamic file traversal system**, enabling seamless navigation through user directories and nested folders.
- Dockerized the application and managed **cloud deployment on AWS EC2**, ensuring scalability.

TrueFeedback   [**Github**](Github) | [**Live Demo**](Live Demo)
Tech Stack: Nextjs, React, Typescript, Tailwindcss, Authjs, postgresql, Docker, AWS
- An anonymous feedback platform enabling users to share and receive feedback without identity disclosure.
- Developed secure RESTful APIs and authentication flows using **Next.js, TypeScript, Auth.js**, and **Postgres**.
- Created a responsive and accessible UI with **Next.js** and **Tailwind CSS**, optimizing UX across all devices.

FinTrack   [**Github**](Github)
Tech Stack: Nextjs, Typescript, Recharts, zustand, Tailwindcss, postgresql, prisma
- Implemented dynamic budget creation, editing, and deletion with persistent state management using **Next.js**, **TypeScript**, and **Postgres**.
- Built responsive, component-driven UI with **Tailwind CSS**, integrating paginated expense views and data visualizations via **Recharts** for clear financial insights.

CERTIFICATIONS   ACHIEVEMENTS

AWS Solutions Architect - Associate
AWS, Dec 2025

- Achieved **AWS Certified Solutions Architect – Associate** certification
- Solved over 400 coding problems on LeetCode

Meta Frontend Developer [verify]
Meta, July 2023