

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 **FastAPI, Next.js, Nest.js, Node, 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: FastAPI, Nest, React, Next, Tanstack, Node, TailwindCSS, AWS, Docker, Git, 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 | July 2025 - Jan 2026

- Architected and developed robust RESTful APIs using NestJS and FastAPI, ensuring scalable backend services and seamless frontend integration.
- Developed and maintained web applications using TypeScript, Next, and React.
- Built responsive, user-friendly UI components leveraging Shadcn, TailwindCSS, and component-based architecture.

Software Engineer

reAlpha

Kathmandu | Mar 2026 - Present

- Architected and built an internal tool from scratch to streamline and manage company lunch ordering, improving internal operational efficiency.
- Designed and deployed robust RESTful APIs utilizing python and FastAPI.

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, Python, PHP, JAVA, .NET

PROJECTS

SkyNest

[Github](#) | [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.

LunchBot

[Live Demo](#)

Tech Stack: Tanstack Start, React, Typescript, Python, FastAPI, Postgresql, Supabase Auth

- Architected a corporate canteen platform that simplifies workplace lunch operations by offering centralized restaurant onboarding, role-based employee access, and organization-wide order tracking from a single dashboard.
- Integrated Gemini AI to dynamically parse and extract structured menu items from uploaded images, automating manual data entry.
- Implemented secure user authentication and session management by leveraging Supabase Auth.

CERTIFICATIONS

AWS Solutions Architect - Associate

AWS, Dec 2025

ACHIEVEMENTS

- Achieved **AWS Certified Solutions Architect – Associate** certification

- Solved over 400 coding problems on LeetCode

Meta Frontend Developer [[verify](#)]

Meta, July 2023