

# Raman Baral

Kathmandu, Nepal

ramanbaral.dev@gmail.com | 9864225756 | [github.com/Ramanbaral](https://github.com/Ramanbaral) | [linkedin.com/in/ramanbaral](https://linkedin.com/in/ramanbaral) | [ramanbaral.live](https://ramanbaral.live)

## SUMMARY

---

Software engineer with a strong foundation in programming, problem-solving, and software development. Passionate about learning new technologies and applying skills to real-world projects. Seeking opportunities to contribute and grow in a dynamic tech environment.

## TECHNICAL SKILLS

---

**Languages:** Javascript, C/C++, Typescript, GO, PHP

**Databases:** Mysql, Postgresql, Mongodb, Redis

**Framework/Cloud/Technologies:** Reactjs, Nextjs, Nodejs, TailwindCSS, AWS, Docker, Git, REST api, OOPs, DSA, linux

## EDUCATION

---

**Tribhuvan University**, Amrit Science Campus (**ASCOL**)

Nov 2022 – Oct 2026

Bachelor of Information Technology (BIT)

Relevant Coursework: C/C++, OOPs, OS, DBMS, Networking, AI, Security, Web Technology, PHP, JAVA, .NET

## PROJECTS

---

**SkyNest**      [Github](#) | [Live Deployed Link](#)

Tech Stack: Nextjs, Typescript, Postgresql, zod, react-hook form, Docker, AWS

- Developed **Skynest**, a full-stack cloud storage platform allowing users to upload, manage, and organize **images and PDFs**.
- Implemented **file system features** including favorite tagging, renaming, deleting, downloading, and nested folder creation with intuitive UI/UX.
- 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.
- Containerized the application using **Docker** for consistent development and production environments.
- Deployed the platform on **AWS**, ensuring high availability and scalability.

### Realtime Tic Tac Toe Game

Tech Stack: Nodejs, React, Websocket, Postgresql, Express, AWS, TailwindCSS

- Realtime tic tac toe game, user can invite a friend via a invite link and play together in realtime
- Spectators can watch the game progress in realtime
- Players can chat with each other and communicate through voice in realtime

### Social Media Platform

Tech Stack: Nodejs, Typescript, Express, React, Websocket, Postgresql, AWS, TailwindCSS, Docker

- A complete social media platform with all major features like creating a post, like a post, comment on a post, share a post, make connection
- Users can chat in realtime with text, image and voice messages.
- Users can make audio or video calls to their connections.

## EXPERIENCE

---