Raman Baral

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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.

SKILLS

Javascript, Nodejs, Typescript, C/C++, Reactjs, Nextjs, HTML, CSS, SQL, NoSQL, Cloud, TailwindCSS, Git, Responsive Design, REST Api, Problem Solving, Object-Oriented Programming, Data Structures and Algorithms

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

PROJECTS

API For Course Selling Platform

Tech Stack: Nodejs, Typescript, Postgresql, Express, zod, Docker
- Endpoint to create, delete and modify the courses by admin
- Used docker to containerize the project
- Admin can create and modify the courses and User can view and purchase courses
- Dashboard for admin to see information about a course

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.