

SOFTWARE ENGINEER

Aayush Maharjan

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PROFILE

Driven and detail-oriented Computing graduate with solid foundations in full-stack development, and Web Development. Passionate about building scalable solutions and continuously improving through hands-on learning.

EXPERIENCE

FRONTEND DEVELOPER, VRIT TECHNOLOGIES – DEC 2024 - SEPT 2025

- Developed Numerous Web Applications like College Info Nepal, Skill Shikshya, Vrit Jobs using technology like React, Next Js
- Collaborated with Multiple Teams and client to develop efficient and scalable applications

MERN INTERN, KISHANCARE ERP – OCT 2024 - DEC 2024

- Developed a ERP for Kishancare with teams remotely using technologies like React, Node, Redux, Sequelize and Created API's to handle Role Based Authentication
- Developed a UI's and integrated API with teams to make a scalable and maintainable Web Application

KATHFORD IT CLUB – 2025 - ONGOING

- Participated and led events for Kathford IT Club as an Executive Member
- Led a Web Development Seminar (HTML, CSS and JavaScript) for the new incoming batch

SKILLS

- Languages: Python, Javascript, Typescript
- Databases: MongoDB, PostgreSQL, MySQL
- Frameworks and Tools: Next JS, React , Zod , React Query , Docker , Redis , React Native , NGINX , Github Actions, Prisma ORM, Mongoose, Node, Express, Tailwind CSS, Google Analytics, React Hook Form

EDUCATION

BSc. CSIT (2022-2026)

Kathford International College of Engineering and Management

School Leaving Certificate (2020-2022)

Uniglobe SS/College

PROJECTS

TRACKFLUENCE (NEXT.JS, BETTER AUTH, ZUSTAND AND POSTGRESQL, BOT DETECTION, ARC-JET)

- Built a Analytics Platform For Creators allowing them to view the metrics of the creator links they create, metrics include Viewer Regions, Devices and Referrers
- Added a globe view to view the viewers locations via their ip using Map Libre
- Implemented OAUTH for Google and Github

[View Project](#) [View Repository](#)

DISCORD BOT (NODE, CRON JOBS, DOCKER, DEPLOYMENT)

- A discord bot for students which sends the routine of the next day so they don't have to search for them manually
- Implemented CRON Jobs and Deployed via a docker container to a VPS
- Added Commands like !routine !today !tomorrow and more features for a complete student orientated bot

[View Repository](#)

SKILL SHIKSHYA (REACT, RHF, NEXT JS, ZUSTAND, REACT QUERY, ZOD, DEPLOYMENT, NGINX)

- Developed and led development teams to develop Skill Shikshya for Vrit Technologies
- Implemented Payment Service Providers like (ESewa, Khalti, Imepay)
- Collaborated With Client, Development teams to meet the clients visions and build a web application that is reliable and scalable

[View Project](#)

COLLEGE INFO NEPAL (REACT, RHF, NEXT JS, ZUSTAND, REACT QUERY, ZOD, DEPLOYMENT, NGINX)

- Developed and led development to develop College Info Nepal for Vrit Technologies
- Developed a SEO friendly and Optimized Site for College Info Nepal using technology like React, Next Js with emphasis on Page Rank
- Collaborated with teams to integrate API's

[View Project](#)

KAIZEN - HABIT TRACKER (NODE, EXPRESS, MONGO, MONGOOSE, REACT)

- Habit Tracker based on Github's contribution graph developed for the web
- Built and secured RESTful APIs using JWT-based authentication, Rate Limiting

[View Repository](#)

EXPENSE TRACKER (REACT NATIVE, NODE, EXPRESS, TYPESCRIPT, MONGO DB, MONGOOSE , CRON JOB)

- A complete expense tracker built using technology like express node mongo mongoose and react native
- Learned about mobile development and how react native applications are developed