

Dinesh Kumar Rana

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

About Me

Full Stack Developer with a strong background in the MERN stack, API integrations, and cloud-native applications. Skilled in building secure, scalable systems with a passion for AI, conversational interfaces, and backend optimization. Experienced in working with authentication, RBAC, and real-time data handling. Eager to contribute to innovative AI-driven products and grow with dynamic teams.

Work Experience

W.A.S Media Marketing | Full Stack Developer

Nov 2024 - Present

- Built scalable full-stack features using React, Next.js, Express, and MongoDB.
- Collaborated on projects involving RBAC, OAuth, and real-time updates.
- Projects:** BTMC Foundation, Trinity Waterproofing, Dharma Ideal, Ngyungne Practice.

KSW TechZone | Frontend Developer

Aug 2024 - Nov 2024

- Created responsive UIs with React and Tailwind CSS.
- Worked closely with backend APIs to render dynamic content.
- Projects:** Ghantaghar Hotel, E-Commerce Platform.

Projects

- Trinity Waterproofing:** MERN stack e-commerce backend with RBAC, secure APIs.
- BTMC Foundation:** Full-stack platform with React, Express.js, MongoDB, and authentication.
- Dharma Ideal:** Non-profit portal using MERN with API integrations and admin control.
- Ngyungne Practice:** Built with Next.js, MongoDB, and OAuth login flow.
- Tab Manager Plus:** Chrome extension backed by Express and MongoDB for tab management.
- GPT-3 Learning Project:** React-based frontend exploring OpenAI APIs.
- E-Mall (Flutter):** Mobile e-commerce app with Firebase backend and Provider state.

Education

Orchid International College, Bijayachowk, Gaushala, Kathmandu

2020 - Running

Bachelor of Computer Application

Skills

Languages: JavaScript, TypeScript, Python, Dart, Java, C++

Frontend & Backend: React, Next.js, Bootstrap, Node.js, Express.js, Prisma, Spring Boots, Spring Framework, JSP, Servlet, JavaBeans

Databases: MongoDB, PostgreSQL, MySQL, Convex, Firebase Firestore

Cloud & DevOps: Basic AWS, Basic Azure, Firebase, GitHub Actions, Docker, Ansible, Puppet

Authentication: OAuth, Clerk, JWT, RBAC

Mobile: Flutter, Dart, Java for Android

Version Control: Git, GitHub, GitLab

Others: REST APIs, Redux Toolkit, SWR, Prisma ORM, Selenium, GraphQL, Firebase