

Dipesh Shrestha

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Summary

BSc CSIT (graduating 2025) student with hands-on experience building web applications using React, Next.js, and Node/Express through personal projects and an internship. Comfortable with JavaScript as my primary stack, along with MongoDB and. Focused on writing clean, maintainable code and improving my development skills.

Technical Skills

Frontend: JavaScript, React, Next.js, Typescript, Material-UI, Tailwind-CSS, HTML, CSS

Backend: Node.js, Express, REST APIs

Database: MongoDB, SQL

Tools and Platforms: Git and GitHub, Postman, Jira

Projects

Smart Blood Donor Recipient Matching system

React, Node.js, Express, MongoDB, Tailwind-CSS, WebSocket, React Leaflet, OpenStreetMap

- Built a blood donation platform with geolocation-based donor matching using maps (React Leaflet + OpenStreetMap).
- Enabled real-time donor–recipient communication using WebSocket.
- Developed an admin dashboard and added basic ML-based matching for improved relevance.

National Budget Monitoring System

React, Node.js, Express, MongoDB, Tailwind-CSS, Chart.js

- Built a multi-level government budget tracking system with allocation and expenditure monitoring across sectors and fiscal years.
- Created interactive dashboards using Chart.js and enabled public access for transparency.

HR Management System

(Internship Project) Next.js, TypeScript, Material-UI, Redux, RTK Query, Storybook

- Built employee onboarding and offboarding workflows including department management, checklist assignment, and document collection.
- Managed server state with RTK Query for efficient API data fetching and caching.
- Built and documented reusable UI components using Storybook for team-wide consistency.

Experience

Fronted Web Developer Intern

Alpinist Studio Pvt Ltd

Manbhawan Rd, Lalitpur 4460, 01-5432671

2025 December – 2026 March

- Developed and maintained features for an HR Management System built with Next.js, TypeScript, and Material-UI.
- Used Git and GitHub for collaborative code management in a team workflow.
- Collaborated with the team using Jira for task planning and tracking.

Education

Bachelor of Science in Computer Science and Information Technology (BSc CSIT)

2022 – 2025

Nagarjuna College of Information Technology | TU university

Average Percentage : **85.58%**

Certification

- **ReactJs** - Sikkai IT, 2024
- **Learn SQL Basics** - Programiz , April 2024, Credential ID: 2231A85DB41E

Recommendation

- **Ashish Bajracharya** – Senior React Developer @ Alpinist Studio Pvt.Ltd
Contact: **9843744536**