

DIPESH THAPA

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SUMMARY

Enthusiastic web developer with a growing foundation in modern frontend technologies. Experienced in building responsive and interactive applications through academic and personal projects. Passionate about solving real-world problems with clean, maintainable code and continuously learning new tools and practices.

SKILLS

- **Languages:** JavaScript, Python, Java, SQL
- **Frameworks & Libraries:** React.js, Tailwind CSS, shadcn
- **Tools & Platforms:** Git, Linux, MySQL, AWS (Cloud Foundations)

PROJECTS

- **WeatherWave – Weather & Forecasting App**
React, Django REST, ML (RandomForest), PWA
 - Developed frontend with React for real-time weather, AQI, and next-day temperature prediction.
 - Implemented geolocation-based features and user-selected district support.
 - Added offline-ready Progressive Web App (PWA) features for usability.
 - *Team project — contributed mainly to frontend, PWA implementation, and ML integration support.*
- **LAN Chat Room with File Transfer (Windows)**
C++, Socket Programming
 - Built a client-server chat application for LAN with support for multiple users and real-time communication.
 - Implemented file transfer functionality and username system.
 - Designed Windows-optimized build process with MinGW.
- **Java Employee Management System**
Java, MySQL
 - Developed a CRUD-based desktop system for managing employee records.
 - Integrated MySQL database for employee data storage and retrieval.
 - Implemented authentication and salary management features.

EDUCATION

- **Nepal College of Information & Technology, Balkumari** 2022 – Present
Bachelors in Software Engineering (Expected 2026)
- **Trinity Int'l College, Dillibazar, Kathmandu** 2020 – 2022
+2 in Science

CERTIFICATIONS

- AWS Academy Graduate – Cloud Foundations (Amazon Web Services)