

ADARSH DAS

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🌐 [Linkedin](#)

🐙 [Github](#)

📁 [Portfolio](#)

EDUCATION

Nepal College of Information Technology

2019 – 2024

- **CGPA - 3.12**

Balkumari, Lalitpur

United Academy

2014 – 2018

NEB +2 - Science (Biology) - **Percentage - 62%**

Kumaripati, Lalitpur

FREELANCE

HUWOMA Management System 🗄️ | ReactJS, ExpressJS, Mongodb, RTK Query, Tailwind, Vercel **Dec 2024**

- Developed a full-stack **Carwash, Simracing and Parking Management System** featuring customizable service packages, revenue analytics, role based feature access.
- Optimized database performance by implementing MongoDB indexing and Redis caching reducing query response time.
- Integrated QR-based check-ins for Simracing customers for accurate playtime monitoring.
- Integrated Thermal Receipt Printing using WEBUSB Api.
- [Frontend](#) 🗄️, [Backend](#) 🗄️

SELECTED PROJECTS

Project Phoenix 🗄️ | ReactJS, ExpressJS, Mongodb, RTK Query, Tailwind, Vercel **Aug 2024**

- Developed an award-winning centralized college project management platform (Project Phoenix) that won **"Best Project of NCIT 2024"**, streamlining the entire lifecycle of student projects from submission to evaluation.
- Engineered an intelligent supervisor assignment system using Cosine Similarity algorithms, optimizing the match between project requirements and faculty expertise.
- Implemented automated result generation and progress tracking features, significantly reducing administrative overhead and improving transparency in project evaluation.
- Built comprehensive project management features including deadline management, extension requests, and progress monitoring tools to enhance student-supervisor collaboration.
- [Frontend](#) 🗄️, [Backend](#) 🗄️

Bloodlink | Javascript, ExpressJS, Mongodb, Flutter

Spet 2023

- Developed a mobile-first blood donation platform that connects blood donors with recipients based on geographical proximity.
- Presented at the **International Conference of Applied Science and Engineering**, highlighting the platform's impact on emergency blood donation coordination.
- Implemented real-time location-based matching algorithm to identify and notify compatible donors within specified radius of recipients.
- [Github](#) 🗄️

TECHNICAL SKILLS

Languages: Javascript, Python, C, C++, Java

Technologies/Frameworks: ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git/GitHub, Mongodb, Tailwind, Framer Motion, RTKQuery/Tanstack Query/useSWR, Tanstack Table, Socket.io, WebRTC, WebUSB, React-Native

Developer Tools: VS Code, Postman

Documentaion: Overleaf (Latex)

RELEVANT COURSEWORK

- The Ultimate React Course 2024: React, Redux
- The Complete Node.js Developer Course (3rd Edition)
- The Complete 2024 Web Development Bootcamp
- Next.js 14 & React - The Complete Guide
- React Native - The Practical Guide [2025]