



Aman Oli

Software Developer

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Summary

Innovative Senior Software Developer with extensive experience in building high-performance web applications. Specialized in the React ecosystem and modern full-stack architectures. Proven track record in developing educational platforms, financial interfaces, and scalable SaaS solutions. Expert in bridging the gap between complex backend logic and intuitive user experiences.

Education

Herald College

Computer Science

Bsc.IT

Naxal, Kathmandu • 2018 - 2021

<https://heraldcollege.edu.np/>

Experience

Microcode Technologies

React Developer / Team Lead

Chakupat, Kathmandu

March 2022 - Jan 2026

- Developed and maintained multiple full-stack web applications using React and .NET
- Architecting and maintaining robust web applications using Next.js and Tailwind CSS.
- Collaborating with cross-functional teams to deliver scalable financial technology solutions and user interfaces.
- Implemented CI/CD pipelines and optimized application performance.
- Mentored junior developers and conducted code reviews.
- Leading the frontend migration of legacy systems to modern, component-based architectures.

Aegis HMS

Junior Full Stack Developer

Sankhamul, Kathmandu

2021-2022

- Built and deployed the Aegis Hotel Management System (HMS).
- Designed database schemas and implemented RESTful APIs.
- Worked closely with stakeholders to gather requirements and deliver solutions.
- Gained foundational experience in professional software development.

Skills

</> React

Expert

React, JavaScript (ES6+),
Shadcn, RESTful APIs,
Typescript, Redux,
Tanstack, Socket.io,
WebRTC

NodeJS

Advanced

Express.js, REST APIs,
Socket.io, PostgreSQL,
Redis, Docker

C#

Advanced

C#, REST APIs, Redis,
PostgreSQL, MSSQL, Docker

Projects

Klaro AI 2026 - Present

A German language learning platform with Goethe style learning. Best application for students to learn and crack the German language exam and also learn in depth. The application provides real life learning scenario with video lesson, pdfs, exercises like MCQ, fill in the blanks, drag n drop etc. After each lesson the student is required to write a paragraph about something using the things they lerned in the lesson and AI will give the remarks.

Hulas Finserv (HFL) 2023 - 2026

Made full-stack financial software for one of the leading finance company of Nepal. Implemented real time data processing, Worked with complex stored procedures and implemented complex UI/UX.

Jagadamba PVT LTD. 2023 - 2026

Made full-stack loan management system for Jagadamba PVT LTD. Implemented complex UI/UX and handled complex large reports in UI efficiently and made complex dashboard with realtime data.

IXSight 2024 - 2026

Worked with Dotnet MVC. Worked with very large datasets with over 1000 million records. Made the application blazing fast with real time updates. Worked in every module from KYC to User identification with AI to Fraud Detection and Credit History.

Aegis HMS 2021 - 2022

Gained foundational knowledge about programming and business domain about HMS. Worked in modules like POS, Inventory and House Keeping. Made complex reports. Built communication skills by tailking to the clients directly and understanding the requirements.

Languages

Nepali

Native

English

Conversational

Hindi

Conversational

German

Beginner

Interests

📁 **Full Stack Development**

React, Dotnet, Node.JS, Python

🧠 **AI**

Machine Learning, LLM, Agentic AI

🏠 **IOT**

Sensors, Edge computing