Subesh Yadav

subeshgaming@gmail.com | +977-9803304345 | linkedin.com/in/subeshyadav3 | subeshyadav.com.np | github.com/subeshyadav3

PROFESSIONAL SUMMARY

Engineering Student | Software Developer | AI/ML Enthusiast

Engineering student and full stack developer with hands-on experience in building scalable applications. Strong interest in AI/ML with practical exposure to Python, data analysis, and machine learning. Adept at solving real-world problems and collaborating in team environments.

EDUCATION

Pulchowk Campus, Tribhuvan University
Bachelor in Computer Engineering *Jan 2024 – Jan 2028*

Kist College & SS
Higher Secondary Education (+2), GPA: 3.86 *Mar 2021 – Mar 2023*

TECHNICAL SKILLS

Programming Languages: C/C++, Python, JavaScript, TypeScript
Frontend Technologies: React, Next.js, HTML, CSS, Tailwind CSS
Backend & Database: Node.js, MongoDB, SQL, PostgreSQL, Prisma ORM
Data Science & Machine Learning Basics: Pandas, NumPy, Matplotlib, Scikit-Learn
Tools & Platforms: Git, GitHub, Jupyter Notebooks, REST APIs, Vs Code, RESTful APIs,Postman

RELEVANT EXPERIENCE

Upwork – Freelance Full-Stack Developer *2025 – Present*

- Delivered front-end and full-stack projects for clients using React, Next.js, Node.js, and databases.
- Built responsive, visually appealing websites with user authentication, CRUD functionality, and API integrations.

Omdena — Backend (Remote) *Oct 2025 – Dec 2025*

- Contributed to a collaborative Omdena project as a backend developer in a multi-team, sprint-based environment
- Assisted in implementing and reviewing backend logic, APIs, and integrations while aligning with project requirements and tickets.

Code for Nepal *May 2025 – Dec 2025*

Data Science Fellow

- Participating in a fellowship focused on Python, data analysis, SQL, and machine learning.
- Working with tools like pandas, scikit-learn, and Jupyter Notebooks on hands-on projects.

PROJECTS

Next.js Full Stack Blog with AI Summarization

• Built a full-stack blog platform with secure user authentication (Clerk) and complete CRUD functionality.
• Integrated AI-powered content summarization using OpenAI's API for enhancing user experience.
• Leveraged Next.js with API routes, Prisma ORM, and PostgreSQL for backend; used Shadcn UI for responsive and polished frontend design.

Electronic Store Website (MERN Stack)

- Built a full-stack eCommerce website using the MERN stack (MongoDB, Express.js, React, Node.js) with a responsive frontend and an admin panel for managing products and users.
- Implemented secure user authentication and integrated database management to support safe and efficient transactions.
- Enhanced skills in developing scalable web applications and managing complex backend and frontend data interactions.

Transparent Nepal: E-Governance Hackathon Project

- Architected a secure, role-based dashboard using Next.js 14 and TypeScript, enabling real-time tracking of federal budgets and infrastructure projects for 753 local levels.
- Engineered a responsive, mobile-first interface with Tailwind CSS and NextAuth.js, optimizing data transparency and citizen grievance reporting through a high-performance PostgreSQL backend.

Air Quality Forecasting in Kathmandu – ML Project

- Developed the Nepal Premier League (NPL) dataset collaboratively for the Foundation of Data Science course.
- Conducted exploratory data analysis (EDA) to understand patterns and trends in the data.
- Applied predictive modeling techniques to forecast air quality index (AQI) levels in Kathmandu, helping address urban pollution monitoring.
- Enhanced skills in data analysis, machine learning, and effective teamwork throughout the project.

SOFT SKILLS & LANGUAGES

Soft Skills: Problem Solving | Critical Thinking | Team Collaboration | Communication | Adaptability | Time Management
Languages: English (Fluent), Nepali (Fluent), Hindi (Conversational), Bajika (Native)