Ishan Gautam

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Profile

I am a passionate and driven Computer Engineering student with a strong focus on Artificial Intelligence and modern web development. I have hands-on experience with the MERN stack, Next.js, and Python, and I am continuously strengthening my foundation in modern web application. Currently, I am learning about Large Language Models and fine-tuning techniques to better understand and apply AI in real-world use cases. I am eager to expand my expertise, stay updated with emerging technologies, and contribute to innovative teams and research-oriented projects.

Education

Pulchowk Engineering College, BE Computer Engineering – Pulchowk, Lalitpur   2024 – 2028
- Currently Studying

KMC, +2 – Balkumari, Lalitpur   2022 – 2024
- GPA: 3.84 / 4.0

Pushpasadan Secondary School, – Kirtipur, Kathmandu   2016 – 2022
- GPA: 3.85 / 4.0

Projects

2D Multiplayer Metaverse
- Built a real-time multiplayer metaverse using NextJS, Socket.IO, WebRTC with map creation, collision detection, and live chat.

Full-Stack Chat App
- Developed a secure chat application using Node.js, Express, MongoDB, and React. Features real-time messaging.

3D Game Engine (C++)
- Developed a 3D game engine in C++ using GLFW for window creation and GLAD for OpenGL loading. Implemented basic rendering of 3D models and basic operations like transformations, camera control, and user input handling.

Skills

Soft Skills: Project Management, Teamwork, Time Management, Leadership, Effective Communication

Languages: JavaScript, Python, C++, TypeScript

Web Development: React, Next.js, Node.js, Websocket, WebRTC

Database: MongoDB, SQL

AI/ML: scikit-learn, TensorFlow, Pytorch, Transformers

Tools: Git, GitHub, Postman, Docker, Latex

Professional Experience

Instructor, LOCUS Software Fellowship   2026
- Taught backend development, Git GitHub workflows, and full-stack integration to students.

Leadership & Extracurricular Roles

Executive Member, IEEE Computer Society, Pulchowk Branch   2025 – Present
Marketing Team, LOCUS 2026   2025 – Present