

Ayush Mehta

Domain

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Career objectives

Versatile developer skilled in Unreal Engine, web applications, IoT, and machine learning, passionate about building immersive games, interactive tools, and innovative tech solutions.

Education

**Bachelor of Technology (B. Tech) in [AI&ML]
[March & 2027]
Galgotias University, Greater Noida, Uttar Pradesh
CGPA: 6**

**Senior Secondary Education
ST GEORGE`S SCHOOL [2023]**

65%

**Secondary Education
ST GEORGE`S SCHOOL [2021]**

74%

Skills:

Technical Skills:

Programming Languages: Python, C++, JavaScript, Bash

Web Technologies: HTML, CSS, JavaScript, ReactJS, Node.js, Three.js, WebGL

Databases: MySQL, MongoDB, SQLite

Game Development & Graphics: Unreal Engine 5, Blueprints, Physics Simulation, Blender, 3D Modeling, Particle Systems

Machine Learning & AI: TensorFlow, Scikit-learn, NLP (TF-IDF, Word Embeddings), Ollama (Local LLMs)

IoT & Embedded Systems: ESP32, ESP8266, Raspberry Pi, MQTT, GPS, Wi-Fi Modules

Tools & Frameworks: Git, Docker, AWS, D3.js, Framer, Figma

Soft Skills: [E.g. Teamwork, Communication, Problem-Solving, Leadership]

Projects:

- **Boomerang Loop Combat** – Fast-paced action arcade game in Unreal Engine 5 featuring Quake-style movement, physics-based boomerang mechanics, and interactive level design. *(Highlights game dev, physics, C++/Blueprints)*
- **Tacky — Task Manager** – Full-stack web application with Python backend and HTML/CSS/JS frontend for managing tasks using boards, lists, and cards. *(Highlights web dev, backend/frontend integration, Python)*
- **Local AI Chatbot (Ollama)** – Privacy-focused AI chatbot running on local machine using Ollama models for natural language understanding and developer tooling. *(Highlights AI/ML, Python, LLMs, NLP)*

Internships / Work Experience

AI-ML Virtual Internship | Intern

AICTE – Edu Skills (Supported by Google for Developers) | Jul 2025 – Sep 2025

- Completed a **10-week virtual internship** in Artificial Intelligence and Machine Learning.
- Gained hands-on experience in **machine learning algorithms, model training, and evaluation**.
- Worked on **real-world AI/ML use cases**, applying supervised and unsupervised learning techniques.
- Enhanced understanding of industry practices through structured mentorship and project-based learning.

Machine Learning Intern | Cod Soft

Cod Soft | Aug 2025 – Aug 2025

- Completed a **4-week internship** focused on **Machine Learning project development**.
- Built and deployed ML models, improving **data preprocessing, feature engineering, and classification tasks**.
- Received appreciation for **quality contributions** and successful project completions.
- Strengthened practical skills in **Python, scikit-learn, and data-driven problem-solving**.