

Vedant D. Watpade

Game Developer | Unreal Engine 5 | Gameplay Systems | C++

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EDUCATION

Konkan Gyanpeeth College of Engineering affiliated to University of Mumbai

2023-2026 (expected)

Bachelor's in Artificial Intelligence and Data Science

CGPI of 7 semesters: 7

SKILLS SUMMARY

- Game Development: Unreal Engine 5, Blueprint Scripting, Event-Driven Architecture, Gameplay Systems, State Management
 - Languages : C++, JavaScript, SQL, HTML5 & CSS
 - Frontend : Bootstrap, React.js, Tailwind
 - Backend : Node.js , Fast API , Webhooks
 - Databases : MySQL , PhpMyAdmin , MongoDB
 - Artificial Intelligence : Scikit-Learn, Machine Learning
 - Platforms : VS code , IntelliJ IDEA, PyCharm , Jupyter Notebook , Google Colab
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WORK EXPERIENCE

Web Developer Role - Internship - Certificate of Completion

July 2022 – Aug 2022

1.NPIT Solutions · In Person

- Developed and maintained client-facing websites using HTML, CSS, and JavaScript, following responsive design principles.
 - Debugged front-end issues and optimized page performance in collaboration with senior developers.
 - Worked with version control workflows using Git and participated in structured development cycles.
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PROJECTS

Project 1: Metro Gameplay Prototype

Key Highlights:

- Built a mini gameplay system in Unreal Engine 5 where the environment reacts automatically to player presence using event-driven gameplay architecture.
- Event-driven interaction via trigger volumes and collision overlap events.
- Automated metro door behavior with explicit open, close, and timing control states.
- Smooth door transitions implemented using Timeline interpolation.
- Modular Blueprint architecture with separation of trigger logic, animation logic, and actor behavior.
- Debugged collision and transform issues during runtime testing.

February 2026 – March 2026

[LinkedIn Post](#)

Project 2: GTA 5 FiveM interactive NPC

Key Highlights:

- Developed an event-driven backend service to handle real-time user interactions and dynamic response generation.
- Integrated a Lua-based AI service to process contextual inputs and generate adaptive responses.
- Implemented session context retention and state management for multi-step interactions.

April 2025 – June 2025

[LinkedIn Post](#)

Project 3: Advanced Discord Bots

Key Highlights:

- Role assignment and removal based on member activity and status.
- Automated ban and timeout enforcement for misbehavior and rule violations.
- Event-driven handlers for message monitoring, join/leave tracking, and moderation logs.
- Persistent database storage for user warnings, infractions, and role history.
- High-concurrency event processing managing 1000+ concurrent server members.

July 2025 - September 2025

[LinkedIn Post](#)

CERTIFICATES

1.Full Stack Web Development | CERTIFICATE

Mastered full-stack development using HTML, CSS, JavaScript, React, Node.js, Express, and PostgreSQL. Gained hands-on experience with both frontend and backend technologies, including REST APIs, authentication, and Web3 fundamentals. Built a professional-grade portfolio and learned industry best practices for modern web development.

January 2026