Vedant Mishra

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Education

Vellore Institute of Technology, Bhopal	**Sept 2022 - May 2026**
Bachelor of Technology in Computer Science - Gaming Technology	**CGPA: 8.55/10**

Technical Skills

Programming: Python, SQL, JavaScript, TypeScript, C#, Java
Technologies: PostgreSQL, React, Next.js, Git, TensorFlow, NumPy, Pandas, Linux, Power BI
Coursework: Database Management, Software Engineering, Game Development, Data Structures & Algorithms

Projects

Medizone Systems - Medical Equipment Platform — **2025**
Next.js, TypeScript, Supabase, Tailwind CSS
– Built secure platform with admin dashboard and file management, supporting real-time data processing

AI Presentation Maker - Full Stack Application — **2025**
React, Node.js, OpenAI API, MongoDB
– Developed AI-powered tool with database integration and API management for automated workflows

Advanced Graphing Calculator — **2025**
React, TypeScript, Math.js, Chart.js
– Built web-based calculator with real-time 2D/3D plotting and advanced expression parsing

SmartMerge - AI GitHub Assistant — **2024**
Python, Tkinter, GitHub API, Google Gemini API
– Built AI-powered tool with conflict resolution and automated repository management interface

CopyCar - AI Racing Game — **2023**
Unity, C#, ML-Agents Toolkit, Neural Networks
– Implemented reinforcement learning algorithms for autonomous system training and performance optimization

Certifications

IBM: Cyber Security Analyst
Tata Group: Data Visualization & Business Insights
freeCodeCamp: Responsive Web Design
Coursera: AR/VR/MR/XR Technologies

Leadership Experience

Gaming Club - Core Member & Event Manager
Coordinate technical workshops for 200+ participants, manage project budgets and cross-functional teams