

Vedant Mishra

 vedantmishra0628@gmail.com
 vedantmishra.me
 GitHub

 +91 8770942317
 LinkedIn

EDUCATION

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- **Vellore Institute of Technology, Bhopal** Bhopal, India
Bachelor of Technology in Computer Science - Gaming Technology; CGPA: 8.59/10.0 2022-2026
 - **St. Montfort School, Bhopal** Bhopal, India
Central Board of Secondary Education Grade XII; Percentage: 82.6% 2020-2021

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, C#, Java, SQL, HTML, CSS
Frameworks and Libraries: React, Next.js, Node.js, Express.js, Unity Engine, TensorFlow
Technologies and Tools: Amazon Web Services (AWS), PostgreSQL, MongoDB, Git, Docker, Linux
Core Competencies: Data Structures and Algorithms (DSA), Database Management System (DBMS), Object Oriented Programming (OOP)

INTERNSHIP EXPERIENCE

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- Medizone Systems** Bhopal, India
Sales Associate Intern 6 Months
- **Medical Equipment Sales:** Engaged with doctors and hospitals to demonstrate and sell Samsung ultrasound machines, contributing to regional sales targets
 - **Client Relations:** Built and maintained relationships with healthcare professionals, conducting product demonstrations and addressing technical specifications

LEADERSHIP EXPERIENCE

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- Virtual Reality and Gaming Club - Core Member and Event Manager** 2023 - Present
- Led teams of 10+ members and managed event budgets up to 15,000 INR for campus activities and esports events
 - Coordinated quarterly workshops and competitions, with 50+ students on Blender

PROJECTS

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- Medizone Systems Website** — Medical Equipment Management Platform 2025
Next.js, TypeScript, PostgreSQL, Supabase, JWT Authentication
- Engineered full-stack web application with secure admin dashboard and role-based access control
 - Implemented PostgreSQL database optimization, reducing equipment downtime by 15%
- AI Presentation Maker** — Automated Content Generation Tool 2025
React, Node.js, OpenAI API, Fabric.js, MongoDB
- Built AI-powered application integrating OpenAI API for automated presentation content generation
 - Developed interactive canvas with drag-and-drop functionality using Fabric.js
- Advanced Graphing Calculator** — Mathematical Visualization Application 2025
React, TypeScript, Chart.js, Mathematical Expression Parser
- Developed sophisticated calculator with 2D/3D plotting capabilities and interactive visualization
 - Optimized mathematical expression parsing algorithms, achieving 95% accuracy

CERTIFICATIONS

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- **IBM:** Cyber Security Analyst Professional Certificate
 - **Tata Group:** Data Visualization & Business Insights
 - **freeCodeCamp:** Responsive Web Design Certification
 - **Coursera:** Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR) Technologies