



MADHAV TIWARY

Aspiring AI Engineer

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PROFESSIONAL SUMMARY

- Adaptable tech enthusiast with interests across AI, software development, cybersecurity, and digital media.
- Enjoy learning fast, exploring different systems, and building things that are simple, functional, and thoughtfully designed.
- I approach projects with curiosity, precision, and a mindset that adjusts quickly to whatever the work demands.

TECHNICAL SKILLS

Programming

Python, C, C++, Java, SQL, HTML, CSS, MATLAB

Tools

- Git
- Oracle Cloud
- VS Code
- OrCAD
- Miro

Core Areas

AI, Data Science, Cybersecurity, Software Engineering, DSA, OOP, Game Development

Soft Skills

- Leadership
- Critical Thinking and Analysis
- Communication
- Adaptability
- French & Japanese Translation

EDUCATION

2024 – 2028

Vellore, India

B.Tech Computer Science

Vellore Institute of Technology (VIT)

- Concentration in AI, Software Engineering, and Data Systems.
- Active involvement in coding projects and research.

2009 – 2024

Bokaro, India

Higher Secondary, Science

Delhi Public School, Bokaro

- Class 12 (Computer Science) - Distinction and co-scholastic achievements.
- Class 10 (Science) - Consistent academic excellence and co-scholastic achievements.

CERTIFICATIONS & SIMULATIONS

Oracle Cloud Infrastructure 2025 Generative AI Professional Certificate Oracle	Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate Oracle	Generative AI & Prompt Engineering IBM	Career Management Essentials IBM
TCS ION Career Edge: Young Professional Tata Consultancy Services	Python Quick Start LinkedIn Learning	Cisco Networking Academy	Industry Simulations (Forage) <ul style="list-style-type: none">EA Software EngineeringDeloitte CyberAccenture Nordics SE
Introduction to C++ and Java Udemy	Internship Studio Aptitude Certification Internship Studio	Level Up: C LinkedIn Learning	

Professional Experience

12/2025 – Present Remote	AI & ML Intern RD Info Technology(Scheduled) Contributing to ML-powered applications with focus on data pipelines, model training, and evaluation. Developing real world projects based on required tech and infrastructure.
11/2025 – 12/2025 Vellore, India	Artificial Intelligence Intern IBM Working on real-world AI workflow design, automation, model deployment, and applied ML.

PROJECTS

07/2025	GridZone Game Electronic Arts EA Simulation Developed a modular C++ header powering a grid-based shrinking arena game with optimized constants.
10/2024 – 03/2025	Lost and Found Portal University Usage Web platform made using Java, HTML and CSS for item tracking with a clean UI and efficient database logic.
08/2023 – 02/2024	Hotel Management System DBMS Integration Python-based console application automating room booking and billing workflows. Prioritizes ease of use and minimal navigation.
10/2025 – 12/2025	AI Agent GoogleXKaggle Hackathon Developed an autonomous AI Agent using Gemini and custom API integrations. Built multi-step reasoning, context memory, and tool-usage workflows. Designed for fast, dynamic task execution.

LANGUAGES

- English
- Japanese
- French
- Hindi
- Sanskrit

INTERESTS

AI Ethics	Consciousness Research	Media Analysis
Game Mechanics	Cyber Threat Intelligence	Learning new tech and exploring different domains quickly
Digital media, storytelling, and world-building	Cloud Computing (especially OCI)	Sports Tennis, Swimming, Skating, Cricket, Football, Badminton, Chess, Carrom

ADDITIONAL ACHIEVEMENTS

- Top performer in Olympiads
- Served in Students Council as Prefect & House Captain.
- Led football team to championship victory.
- Completed 11+ certifications across AI, cloud, and software engineering.