VISHWAJITH G S

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Professional Summary

AI/ML Engineering student with **1000+ algorithmic problem-solving achievements** and proven expertise in **Python data science ecosystems**. Demonstrated leadership in GenAI initiatives and hackathon excellence. Passionate about deploying **production-ready ML solutions** and advancing artificial intelligence research.

Education

Thiagarajar College of Engineering, Madurai	**2024 – 2028**
B.E. Computer Science & Engineering (Artificial Intelligence & Machine Learning)	CGPA: 8.6/10
VHN Higher Secondary School, Madurai	**2022 – 2024**
Tamil Nadu State Board – Class XII	95.1% — PCM + Computer Science

Technical Expertise

Programming Languages: Python (Advanced), C/C++, Java, SQL
AI/ML Frameworks: scikit-learn, TensorFlow, PyTorch, Hugging Face Transformers, OpenAI API
Data Science Stack: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Jupyter, Google Colab
Development Tools: Streamlit, Flask, Unity, Git/GitHub, VS Code, Anaconda, Docker
Cloud & Analytics: Power BI, Google Cloud Platform, Data Visualization, Statistical Analysis

Key Projects

PromptScope | *Python, OpenAI API, Streamlit, Performance Analytics*

- Developed **comparative analysis framework** for LLM responses with **token efficiency tracking**
- Built **latency benchmarking system** and **cost optimization metrics** for production deployments

TaskFlow Manager | *C Programming, Data Structures, File I/O*

- Built **command-line task management system** with priority queues and deadline tracking
- Implemented **persistent data storage** using file operations and efficient memory management

AeroShift 3D | *Unity, C#, Game Physics, 3D Graphics*

- Developed **freestyle shooting game** with physics-based mechanics and dynamic enemy AI
- Integrated **3D graphics rendering** and collision detection for immersive gameplay

Achievements & Recognition

Top 1% Nationwide + Gold Certificate – NPTEL Python for Data Science (IIT Madras)
National Finalist – SAP Hackfest 2025 (Ethical AI Track) — Selected from 5000+ participants
Advanced GenAI Certification – KPMG Professional Workshop — AI WEEK 2025
Competitive Programming Excellence – 1000+ problems solved across multiple platforms

Leadership & Impact

Student Council Ambassador: Represent student interests in institutional decision-making
AI Consortium Club Ambassador: Led **GenAI workshops**, mentored 200+ students in ML
Technical Community Building: Organized coding sprints and **AI research initiatives**

Additional Information

Languages: English (Fluent), Tamil (Fluent), Sourashtra (Native)
Interests: Machine Learning Research, Open Source Contributions, Algorithmic Trading