Rishabh Vineeth

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# Summary

Enthusiastic student, ready to learn, and accept new challenges. Bringing a strong work ethic, creative ideas, and a work-till-it-is-done mindset. Looking for experience in the growing AI field and willing to listen and learn.

# Education

Vellore Institute of Technology, Chennai  
B.Tech in Computer Science and Engineering (Specialization: Artificial Intelligence & Machine Learning)  
2023 – 2027 | CGPA: 8.34

Private International English School, Abu Dhabi  
AISSCE (CBSE Board), Class XII – 80%  
Year of Passing: 2022

# Skills

• C and C++ Programming  
• Java Programming Language  
• Problem Solving  
• Technical Writing  
• Microsoft Excel (Certified)  
• Flexible and Adaptable

# Projects

Research on Gravitational Wave–based Sunlight Tracking (Conceptual Study)  
Researched and proposed an idea for a novel method to track the sun’s movement using gravitational waves, aiming to align sunlight tracking with Earth’s position. The technology is still in development globally, so the work remains at a conceptual stage with supporting theoretical studies.

Personal Finance & Banking Website (Web Development Project)  
Built a web-based application to help users visually analyze their spending patterns. The system displays expenses via graphs and pie charts, requires manual expenditure input, and includes a work-in-progress feature for UPI integration. Integrated a basic AI chat function to provide budgeting suggestions and answer simple financial queries.

Performance Analysis of Sorting Algorithms in C++  
Implemented and benchmarked Selection, Insertion, Quick, and Merge Sort algorithms using large employee records. Compared performance across best, average, and worst cases, and visualized results using graphs.  
🔗 GitHub: https://github.com/Ribash123/sorting-algorithm-report-with-graph

# Certifications & Achievements

• Microsoft Excel Certification  
• NPTEL Certificate in Conservation Economics  
• IIT Bombay – C Programming Spoken Tutorial Test  
• IIT Bombay – C++ Programming Spoken Tutorial Test  
• IIT Bombay – Python 3.4.3 Programming Spoken Tutorial Test

# Languages

• English – Fluent (speaking, reading, writing)  
• Hindi – Intermediate (can read/write somewhat and hold decent conversations)  
• Arabic – Basic (can read/write and use simple phrases/greetings; limited conversational ability)  
• German – Beginner to Intermediate (A1–A2 level)  
• Malayalam – Conversational (can speak and understand; cannot read/write)

# Extra-Curricular Activities

• Member, ViTEach (College Club, VIT Chennai) – Contributed to organizing events, workshops, and student engagement activities.  
• Volunteer Work in Abu Dhabi – Participated in community service activities during school breaks.  
• AI Workshop on Agentic AI – Attended a session conducted by Jai Ganesh Suresh (Ericsson).  
• Learning Landscape Photography – Exploring creative skills outside academics.