

Jerin Jiss George

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EDUCATION

Vellore Institute of Technology University, Bhopal
B.Tech, CSE (AI & ML Specialization)

September 2022 - Ongoing
CGPA : 8.77

Holy Trinity School, Dewas, Madhya Pradesh
Class XII Central Board of Secondary Education (CBSE)

April 2008 - March 2022
Percentage: 91%

TECHNICAL SKILLS

Languages: C++, Python, Java, SQL, HTML/CSS

Frameworks & Libraries: Flask, FastAPI, Beautiful Soup

Databases: MySQL, MongoDB

AI/ML Tools: PyTorch, OpenCV, Transformers, TensorFlow, pandas, NumPy

Core CS Skills: Data Structures & Algorithms, OOP, Cloud Computing, Database Management

Developer Tools: Git, Postman, VS Code, Eclipse

EXPERIENCE

Python Developer & Testing Engineer

May 2025 - Ongoing

OSDAG, FOSSEE Project @ IIT Bombay

Remote, India

- Built and maintained Python unit tests using pytest for OSDAG's steel design software, ensuring reliability and reducing bugs in core modules.
- Collaborated with researchers and engineers to optimize PyQt-based GUI and CAD model exports, ensuring seamless integration with drafting tools
- Automated GUI testing for PyQt interface, verifying output field population and CAD generation via PythonOCC

PROJECTS

Stock Analysis Dashboard

Python, Streamlit, Plotly, Alpha Vantage

[Project Link](#)

- Developed an interactive stock analysis dashboard enabling real-time and historical market data visualization with customizable timeframes and technical indicators (SMA, EMA).
- Integrated multiple reliable financial data APIs including Alpha Vantage, Marketstack, and Twelve Data to overcome rate limits and ensure high data availability and accuracy.

SportiTech Edge

HTML, CSS (Tailwind), JavaScript

[Project Link](#)

- Designed and developed a responsive sports technology informational website utilizing HTML, Tailwind CSS, and JavaScript for a modern, user-friendly interface.
- Implemented clean, modular front-end code and leveraged Tailwind CSS for rapid, consistent styling and layout.

PROGRAMMING EXPERIENCE

- Solved 200+ algorithm and data structure problems on LeetCode.
- Solved 100+ problems on GeeksforGeeks with a coding score of 500+.