Jerin Jiss George

jerinjiss001@gmail.com | LinkedIn | GitHub | +91-8959602771

EDUCATION

Vellore Institute of Technology University, Bhopal *September 2022 - Ongoing*
B.Tech, CSE (AI & ML Specialization) *CGPA : 8.77*

Holy Trinity School, Dewas, Madhya Pradesh *April 2008 - March 2022*
Class XII Central Board of Secondary Education (CBSE) *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*
Priject 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+.