Jerin Jiss George

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EDUCATION

Vellore Institute of Technology University, Bhopal *September 2022 - Ongoing*
B.Tech, CSE (AI & ML Specialization) *CGPA : 8.67*

Holy Trinity School, Dewas, Madhya Pradesh *April 2020 - March 2022*
Class XII (CBSE) *Percentage: 91%*

TECHNICAL SKILLS

Languages: C++, Python, Java, SQL, HTML5, CSS3
Frameworks & Libraries: pandas, NumPy, Flask, FastAPI, Streamlit, Plotly, pytest
Technologies & Tools: PowerBI, LaTeX, AWS, Git, Postman, n8n
Databases: MySQL, MongoDB
Core Competencies: Data Structures & Algorithms, OOP, Computer Networks, Database Management, Machine Learning

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EXPERIENCE

Summer Fellow - Python & Testing *May 2025 - July 2025*
OSDAG, FOSSEE Project @ IIT Bombay *Remote, India*

- Built comprehensive Python unit tests using pytest, reducing software bugs in core modules
- Engineered automated testing solutions improving QA processes by 10%
- Developed sophisticated mock environments for GUI interaction validation

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PROJECTS

Stock Analysis Dashboard *Python, Streamlit, Plotly, Twelve Data*
Project Link

- Developed an interactive stock analysis dashboard, real-time and historical market data visualization
- Added SMA/EMA overlays, candlestick/line chart options with better described the multi-ticker tracking and real-time capabilities
- Compared multiple reliable financial data APIs including Alpha Vantage, Marketstack, and Twelve Data to overcome rate limits and ensure high data availability and accuracy.

AutoApply Job Automation *Python, JobSpy, Selenium, N8N*
Project Link

- Designed N8N workflow automation for seamless end-to-end application processing
- Built automated job application system scraping opportunities from LinkedIn, Indeed, and Glassdoor to aggregate 150+ opportunities weekly
- Deployed APIs using the JobSpy, Selenium libraries to scrape data from job boards, while increasing application submission rate by 60%.

ACHIEVEMENTS/CERTIFICATIONS

- Completed Techsaksham AI/ML internship developing chatbot using Hugging Face transformer
- Certified as a Postman Student Expert for API fundamentals
- Secured a global rank of 6634 in TCS CodeVita Season 12
- **Applied Machine Learning in Python Certified** - University of Michigan