Jerin Jiss George

Madhya Pradesh, India

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Education

VIT Bhopal University	**2026**
BTech in Computer Science with Artificial Intelligence and Machine Learning	*CGPA: 8.77*
Holy Trinity School, Dewas, Madhya Pradesh	**2022**
12th Standard	*90.6%*
Holy Trinity School, Dewas, Madhya Pradesh	**2020**
10th Standard	*92.6%*

Technical Skills

Languages: C++, Python, Java, SQL
Technologies: HTML/CSS, Git
Frameworks/Libraries: Tailwind CSS, Pandas, Streamlit , scikit-learn, TensorFlow, OpenCV
Programming Skills: Data Structures, Algorithms, Object Oriented Programming, Database Management, Operating Systems, Computer Networks

Projects

SportiTech Edge Olympics 2024 / *HTML/CSS, Tailwind, JavaScript* / **Link**
- Developed a **visually appealing** website showcasing innovative sports technologies featured in the Paris Olympics 2024. Highlighted advancements such as advanced swimwear, AI-Driven performance tools, smart volleyballs and motion capture systems.
- Devised a **responsive Ui** and delivering a modern consistent experience across all device types. Integrated elements with functionality and interactivity, boosting user engagement and efficiency.
- Focused on optimizing site performance, reducing page load times by **20%** and improving overall usability through **intuitive design** and navigation.

NIFTY 50 Stock Prediction Model | *Python, TensorFlow, Keras, Numpy, Seaborn Visualization* | **Link**
- Engineered a robust LSTM model for accurate stock price prediction, achieving a **91%** test accuracy.
- Leveraged over 10 years of historical stock data and 15+ relevant features to train the **LSTM model**, capturing intricate patterns and dependencies in the time series.
- Deployed an **interactive dashboard** using **Stream Lit**, empowering users to **visualize** predictions, analyze trends, **reducing** decision-making **time** by 35% and increasing user engagement by 25%.

Diet Recommendation Web App| *Streamlit, BeautifulSoup, NumPy, Machine learning (sklearn)*
- A diet recommendation web app that calculates BMI based on the user inputs of height and weight, and provides personalized diet plans and recipes.
- Imported a large dataset and preprocessed it

Co - Curricular

- Proficient in DaVinci Resolve for video editing and post-production
- Participation in Inter-School Sahodaya Basketball Competition
- Participation in Aarambh23' Basketball Competition

Programming Experience

- Solved 100+ algorithm and data structure problems on LeetCode.
- Solved 50+ SQL problems on LeetCode, strengthening knowledge in database management.
- Solved 100+ problems on GeeksforGeeks with a coding score of 250+.

Certifications & Training

- Applied Machine Learning in Python
- Privacy and security in Social Media