Sanjay Jithesh

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Education

VIT Bhopal University - Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Machine Learning)
Expected Graduation: May 2026
Cumulative GPA: 8.58/10

Indian Community School Kuwait – Kuwait
12th Standard – Jul 2022
CBSE Percentage: 92%

Indian Community School Kuwait – Kuwait
10th Standard - Jul 2020
CBSE Percentage: 92%

Technical Skills

- **Skills:** Python, Java, C++, SQL, JavaScript, React, Node, HTML, CSS, Microsoft Office
- **Frameworks and Tools:** Flask, TensorFlow, OpenCV, MySQL
- **Areas of Expertise:** Devops**,** Computer Vision, Web and app development, Critical Thinking, Debugging
- **Interests:** Artificial Intelligence, Machine Learning, Full Stack Development
- **Languages:** English, Hindi, Malayalam

Projects

- **Fake URL Detection using Machine Learning Models**
  - Engineered and deployed a high-performance web extension for fake URL detection using machine learning models (Logistic Regression, Random Forest, K-Nearest Neighbors, SVM, CNN), achieving 96% overall accuracy with a weighted F1-score of 0.96.
- **Automatic ML Solutions**
  - Architected a web application that automates the machine learning pipeline, enabling users to upload, preprocess, and train models on over 30+ datasets. Utilized MongoDB for efficient data handling and integrated advanced ML models (Stacking, XGBoost, SVM, Random Forest), optimizing preprocessing time by 16%.
- **Safe Route Mapping Application**
  - Developed a full-stack web application using React and Python APIs to suggest safe travel routes based on crime data. Integrated geolocation tracking and severity-based analysis to provide users with real-time, low-risk navigation options.

Achievements

- **Participant, 1st Industrial Conclave Hackathon, VIT Bhopal:** Gained valuable experience in a competitive hackathon environment, focusing on industrial challenges.
- **Co-author, Research Paper on Sign Language Translation Accuracy Using AI:** Contributed to research efforts in AI, specifically in improving sign language translation accuracy.

Certifications

- Applied Machine Learning in Python (Coursera)
- IBM: DevOps