

Sanjay Jithesh

Phone: +91 8848361454 | Email: sanjayjithesh@gmail.com | [LinkedIN](#)

Education

VIT Bhopal University - Bhopal, Madhya Pradesh

Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Machine Learning)

Cumulative GPA: 8.71/10

Expected Graduation: May 2026

Indian Community School Kuwait – Kuwait

12th Standard - CBSE Percentage: 92%

Jul 2022

10th Standard - CBSE Percentage: 92%

Jul 2020

Skills & Interests

- **Programming Languages:** Python, Java, JavaScript, SQL
- **Web Technologies:** HTML, CSS, React, Tailwind CSS, Flask, GSAP
- **Data Analysis & Machine Learning:** MySQL, Pandas, NumPy, Scikit-Learn, Matplotlib, TensorFlow, Keras
- **Interests:** Artificial Intelligence, Deep Learning, Full-Stack Web Development

Projects

- **Fake URL Detection using Machine Learning Models**
 - Engineered a high performance browser extension to identify malicious URLs in real-time, deploying a suite of machine learning models including Logistic Regression, Random Forest, and SVMs for robust threat detection.
 - Achieved high predictive performance by fine tuning multiple classifiers and validating the system's effectiveness.
- **Formula 1 Race Result Predictor using Machine Learning**
 - Built a machine learning model using a Random Forest Regressor to predict Formula 1 race outcomes from historical data including grid positions, final standings, and lap times, achieving an R^2 score of 0.64.
 - Preprocessed multi-season data from the Ergast API and engineered features to reveal strong relationships between qualifying metrics and final race performance.
- **Safe Route Mapping Application**
 - Developed a full stack web application using React and Python APIs to suggest safe travel routes based on crime data.
 - Provided users with dynamically updated, low-risk navigation options and detailed safety insights along their journey with interactive frontend maps.

Co-Curricular

- **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.

Extra-curricular

- **House Captain in School:** Led one of four school houses, organizing events like march-pasts and guiding the house in various inter-house competitions.
- **Co-organized Cultural Event in School:** Played a key role in planning and executing the annual cultural event, demonstrating strong organizational, teamwork, and leadership skills.

Languages Known: English, Hindi, Malayalam