

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)

Expected Graduation: May 2026

Cumulative GPA: 8.65/10

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

- **Programming Language:** Python, Java, JavaScript, C++
- **Object Oriented Programming (OOPs):** Strong understanding of OOP principles, design patterns, and implementation in languages like Java and Python
- **Web Development:** HTML, CSS, React, Node
- **Databases:** SQL, MongoDB
- **Data Structures & Algorithms:** Data Structures, Data Analysis, Machine Learning (Logistic Regression, Random Forest, SVM, KNN, CNN)
- **Additional:** MS Excel, MS Word, MS PowerPoint, Google Workspace, Figma

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 management, ensuring seamless tracking and storage of datasets, models, and results, enhancing user experience.
 - Integrated advanced machine learning techniques (Stacking, XGBoost, SVM, Random Forest) and optimized preprocessing time by 16%. This approach aimed to improve software design and algorithm efficiency.

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.

Responsibilities

- **School Senate Member, Indian Community School Kuwait:** Collaborated with other members to lead initiatives representing 400+ students, coordinated 5+ school-wide events.
- **Event Management Member, Mozilla Firefox Club (VIT Bhopal Chapter):** Organized events to promote technology awareness and coding skills among students. Handled unexpected challenges with the team to ensure smooth execution.
- **President of a youth group within a cultural association:** Led initiatives and programs to engage and educate young members and participants.

Languages

- English, Malayalam, Hindi

Certifications

- Applied Machine Learning in Python (Coursera)
- MATLAB – Simulink
- NPTEL - Privacy and Security in Online Social Media