



Sujal Kava

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Career objective:

Python Developer with experience in Flask, Django, REST APIs, MongoDB, and AI/ML projects. Skilled in building offline-first applications, computer vision systems, and interactive web interfaces.

Academic Status:

2021 – 2024 Bhavnagar	BCA MKBU University, Bhavnagar
07/2024 – Present Ahmedabad , Gujarat	MCA (masters in computer application) Lok Jagruti University

Technical Skills:

Technologies

- Python, AI/ML , C++, Java, PHP,

Databases

- Google Cloud Firestore, Azure SQL Database, MongoDB, PLSQL

Front-end

- HTML, CSS, JavaScript, Json, AJAX / Fetch API, Three.js

Tools

- VS code, Git & GitHub, Jupyter Notebook, phpMyAdmin

Frameworks

- Django, Flask, FastAPI,
- Scikit-learn, TensorFlow, PyTorch, OpenCV.

Libraries

- Three.js – 3D graphics
- NumPy, Pandas, Matplotlib

Academic Projects:

- Offline wikipedia

-> All the Knowledge. Zero Internet.

- Offline Wikipedia allows users to access educational content without internet, making learning more reliable and accessible

- 3-D Solar System with Hand Tracking

-> An AI-Powered, Gesture-Controlled 3D Solar System

- The system is developed using **Three.js** for real-time 3D rendering and **MediaPipe + Python backend** for AI-driven hand gesture detection. Gesture data is processed on the backend and transmitted to the frontend to dynamically control camera movement, planet scaling, rotation, and interactions. The architecture supports modular expansion, including black hole simulations, comet trajectories, and warp navigation modes.

Professional Skills:

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| • Problem-solving & debugging | • Agile teamwork & collaboration |
| • Technical documentation | • Communication with cross-functional teams |

Certificates

Generative Ai introduction and Application
Coursera

Cyber Security
Coursera

R programming for data science
Coursera