SWARUP SATISH KAKADE

9321637437 | swarup.224837102@vcet.edu.in | [LinkedIn](#)| [GitHub](#)

EDUCATION

Vidyavardhini's College of Engineering and Technology   November 2022
   Bachelor of Engineering in Artificial Intelligence and Data Science

 Bharatiya Vidya Bhavan's, Mumbai, India   March 2022
   Maharashtra State Board (HSC), Stream Science, Overall Percentage: 72%

Expert's International High School, Virar, India.   March 2020
   Maharashtra State Board (SSC), Overall Percentage: 86%

HACKATHON EXPERIENCE

- **Coherence 1.0 (24-Hour Hackathon)**

  Project: Intelligent Customer Virtual Assistant (CVA)
  Description:
  Developed an AI-powered CVA integrating advanced Natural Language Understanding (NLU), Speech-to-Text (STT), and Large Language Models (LLM) to interpret queries accurately and deliver human-like interactions. Enhanced customer support by capturing essential details and resolving issues effectively.

- **Thadomal College Hackathon (TCET) - Need for Code**

  Project: ML Model for Farmers
  Description:
  Created a machine learning model to predict key agricultural parameters (weather, moisture levels, etc.) to aid farmers in decision-making. Reached the final round, demonstrating the model's potential to drive sustainable agricultural practices through data-driven insights.

- **Predictioneer (Online Hackathon)**

  Project: EBOLA Cases & Deaths Prediction
  Description:
  Participated in an online hackathon where the challenge was to predict confirmed cases and deaths using train data based on specific latitude and longitude values. Employed algorithms such as K-Nearest Neighbors (KNN) and Random Forest, along with Python libraries like NumPy for data manipulation. This project showcased strong data analysis and predictive modeling skills.

ACADEMIC PROJECTS

- **Tours and Travels Management System**

  Technologies: HTML, CSS, JavaScript, and MySQL Database
  Description:
  Developed a dynamic website that streamlines tour and travel bookings. The platform offers an intuitive user experience, allowing users to explore and book available packages with ease.

- **AI Text-to-Image Generator**

  Technologies: Flutter, Dart, and robust API integration
  Description:
  Developed an application that generates vivid images based on user input prompts, leveraging AI to convert textual descriptions into accurate visual representations.

- **Sign Language Interpreter (Ongoing Project)**

  Technologies: Python, OpenCV, MediaPipe, TensorFlow, NumPy & Pandas, gTTS & pyttsx3
  Description:
  An innovative project aimed at bridging the communication gap by developing a sign language interpreter that recognizes hand gestures and translates them into speech/text. Currently in progress, this project demonstrates the integration of computer vision with machine learning for real-time applications.

- **TechX Product Showcase**

  Project: Zaplet
  Achievement: TechX Gold Winner
  Description:
  Represented a room price comparison website that helps users find the best available options by comparing prices across multiple platforms. The project was recognized for its innovation and practical utility in the real estate market.

SKILLS

- **Programming Languages:**

  Python, Java, JavaScript, C

- **Web Development:**

  HTML, CSS

- **Database Management:**

  MySQL

- **Other:**

  Strong skills in developing ML models and integrating APIs; proficient in data analysis and predictive modeling using Python libraries

---

ADDITIONAL INFORMATION

- **Soft Skills:** Strong communication, effective teamwork, adaptability, problem-solving, and attention to detail
- **Personal Interests:** Cricket, Dance, Modeling, Bodybuilding