JAIGANESH.V

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SUMMARY

Motivated and adaptable individual with a background in Artificial Intelligence and Data Science. Skilled in Python and SQL, with a strong willingness to learn and contribute effectively in professional environments. Known for being a quick learner, and committed to delivering accurate and efficient outcomes.

SKILLS

Programming Languages: Python
Databases: PostgreSQL
Tools & Framework: Power Bi

EDUCATION

B.Tech – Artificial Intelligence And Data Science (CGPA : 8.44) May 2025
Panimalar Institute Of Technology, Chennai.
HSC – Percentage : 84.8% May 2021
Lakshmi Chordia Memorial Matriculation Higher Secondary School, Cuddalore
SSLC – Percentage : 76.2% Mar 2019
Lakshmi Chordia Memorial Matriculation Higher Secondary School, Cuddalore

PROJECTS

1. AI POWERED SYSTEM FOR PLANT DISEASE DETECTION AND PERSONALIZED CARE

- Built a plant disease classifier using EfficientNetB0 with transfer learning, achieving high accuracy on the PlantVillage dataset.
- Developed a Flask backend for image upload and user inputs to generate disease predictions.
- Generated automated PDF reports with disease info, medication, prevention tips, and budget-based treatment plans.
- Tools & Libraries: Python, TensorFlow, EfficientNetB0, SQL.

2. PERSONAL ASSISTANT

- Built an rule-based AI agent using Python, Kivy, and Buildozer**.** Implemented wake word detection with Picovoice Porcupine and speech recognition.
- Integrated Android SMS access via Pyjnius to securely read and fetch OTPs from device inbox. Enabled text-to-speech responses using pyttsx3. Designed a Kivy-based mobile UI for starting/stopping the assistant and displaying OTP results.
- Tools & Libraries: Python, pyjnius, kivy.

EXPERIENCE

SIEMENS -TANSAM — Data Analysis Intern
MARCH 2024 - APRIL 2024

- Conducted data analysis and visualization for the project, utilizing Python and SQL to extract and analyze large datasets, identifying significant trends and patterns to support data-driven decision-making.
- Worked in a team of 5 members indented with a task for creating a dashboard for the real estate property management in the USA.And succesfully completely the task.

NullClass Edtech Private Limited — Machine learning Intern
OCTOBER 2024 - NOVEMBER 2024

- Work on real-world image colorization projects, transforming grayscale images into realistic, vibrant colors.
- Use tools like OpenCV, TensorFlow, and GAN to build, train, and optimize colorization models.
- Handle tasks such as data preprocessing, model development, and performance evaluation to ensure high-quality outputs.