

# 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:	MySQL
Tools & Framework:	Power Bi

## EDUCATION

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

## 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. IMAGE COLORIZATION USING TENSORFLOW

- Developed a deep learning model utilizing TensorFlow to transform grayscale images into realistic, colorized versions.
- The project demonstrated the application of advanced machine learning techniques in enhancing image aesthetics.
- This project provided valuable real-world experience in developing and deploying machine learning solutions, emphasizing practical problem-solving and application-oriented learning.
- Tools & Libraries: Python, TensorFlow

## 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 PyTorch to build, train, and optimize colorization models.
- Handle tasks such as data preprocessing, model development, and performance evaluation to ensure high-quality outputs.