SOMANATH M

PYTHON DEVELOPER / ML&CV ENGINEER
WEB DEVELOPER / AI ENTHUSIAST

CONTACT

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SKILLS

- Python
- OpenCV
- AI&ML
- Data Science
- HTML,CSS & JS
- React JS
- Three JS
- Tailwind CSS
- IOT
- Robotics
- PSQL
- Figma

EDUCATION

HSC -83%
Velankanni Mat Hr Sec School
Kodungaiyur CH-118
2020-2021

B.TECH(AI&DS) - 8.5 CGPA
Prathyusha Engineering
College , Thiruvallur
2021 - Present

CERTIFICATIONS

- Introduction To Generative AI -
  Google cloud
- Agile Methodology Virtual Experience Program -
  Cognizant - Forage
- Data Visualization-
  Accenture - Forage
- Data Science Virtual Experience Program-
  Accenture - Forage
- Data Science Virtual Experience Program-
  Accenture - Forage

PROFILE

As a student eager to learn, I'm diving into an exciting mix of skills! Python is my go-to, whether I'm analyzing data or experimenting with projects. Fascinated by OpenCV's image magic, I explore AI & ML. Web development excites me, especially with Three.js and Tailwind CSS. PostgreSQL fuels my data science exploration. It's a thrilling journey, and I'm soaking up every bit of knowledge along the way, having completed projects in these fields!

PROJECTS

BONE FRACTURE DETECTION
TechStack: Python,OpenCV,Numpy,Keras,Pillow,TF

HAND GESTURE PPT CONTROLLER
TechStack: Python,OpenCV

AUTONOMUS ROBOTIC ARM
TechStack: Python,OpenCV,Pytorch,YOLO

VECHILE DETECTION
TechStack: Python,OpenCV,YOLOv4

MEDICAL CHATBOT
TechStack : Hugging Face Transformer,NLTK,Pytorch, Tensorflow,Flask,OpenAI API

PORTFOLIO WEBSITE
TechStack: React,Three.js,Tailwind.css,HTML

SPAM EMAIL FILTER
TechStack: Python,Streamlit,Pickle,NLTK

TRAFFIC FLOW OPTIMIZER
TechStack: Python,OpenCV,Tensorflow,Sckit learn, Matplotlib & Seaborn

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INTERNSHIPS

Virtual Tech Services-CHENNAI

Machine Learning Internship -1month

(Spam Email Filter based on Machine Learning)