

Santhosh D

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Objective

To get an opportunity that allows me to showcase my skills and contribute to the company's growth. I'm self-motivated person and looking for a challenging career.

Education

Rajalakshmi Institute Of Technology, Chennai <i>Bachelor of Technology in Artificial Intelligence and Data Science</i> CGPA: 8.21/10	2020 – 2024
Little Flower Matriculation Higher Secondary School, Chennai <i>Class XII</i>	2019 – 2020 70.67%
Little Flower Matriculation Higher Secondary School, Chennai <i>Class X</i>	2017 – 2018 84.80%

Projects

- AWS EC2-Based GenAI Chatbot System** [Jan 2025]
Developed a programming assistance chatbot powered by **Groq API** to explain concepts in normal, ELI5, Debug and expert modes. Hosted on **AWS EC2** with **Nginx** and **HTTPS**. Enabled real-time concept explanations and debugging using **Flask** backend.
- GarbGenius** [May 2024]
Developed a wardrobe recommendation system with AR integration using **SVM** and **ViT** for virtual try-on. Enhanced the user experience using advanced computer vision techniques.
- Celebrity Look-Alike** [Aug 2023]
Developed and deployed a facial recognition system using **CNN** to identify celebrity look-alikes with real-time predictions, enhancing the user interaction experience.

Internship

- Mobile Application Developer Intern** *TEMS TECH Solutions*
July 2024 – Oct 2024
Developed financial analysis web/mobile applications using React.js and Django Framework for web app, React Native and Django Framework for mobile app. Worked on features such as real-time data visualization, user authentication, AI assistance, stock market predictions and API integrations.
- AI/ML Intern** *SystemTron*
Dec 2023 – Jan 2024
Implemented machine learning models and customized applications to make critical predictions and automated reasoning. Developed optimization algorithms and successfully aligned raw data to ML models.

Skills

Languages: Python
Web Development : HTML, CSS
AI Frameworks: TensorFlow, Pytorch, Langchain
AI Techniques: Machine Learning, Deep Learning, NLP
Cloud Computing: AWS EC2

Certifications

CPPP – Certified Python Professional Programmer (Entry Level) – NSDC	[Nov 2024]
LangChain with Python Bootcamp – Udemy	[Feb 2024]
Machine Learning A-Z: AI Python & R + ChatGPT – Udemy	[Jan 2024]
Introduction to Cloud Computing on AWS – Udemy	[Jan 2024]

Publications

GarbGenius: AR Approach Enhancing Wardrobe Experience With Recommendation System

Published in *IJCRT*

https://ijcrt.org/viewfull.php?&p_id=IJCRT24A4814

Declaration

I hereby declare that all the information provided is true and correct to the best of my knowledge.



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