

PRAKASH SHANMUGAM

JUNIOR AI/ML ENGINEER

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SKILLS

Programming Languages

Python AI (Artificial Intelligence)

Database & Data Visualization

Mysql, PowerBi, Tableau, MS Excel.

Automation Tools

n8n, Warp

Data & Cloud

AWS (S3, EC2), PySpark, Docker

Data Science & Python Libraries

Numpy, Pandas,
Matplotlib, Seaborn,
Machine Learning, Pytorch,
Deep Learning, NLP, CV

Version control

github

Frontend

HTML, CSS

Operation System

Windows, Linux (Ubuntu)

WORK EXPERIENCE

Junior AI/ML Engineer, Viyona Fintech India Pvt Ltd

17/07/2025 – Present
Hyderabad

- Developed Python automation scripts for data extraction and processing.
- Built web-scraping tools to collect structured data from online platforms.
- Created n8n workflows to automate tasks like social media posting and file processing.
- Implemented SMS-to-Google Sheet-to-MYSQL automation for data storage.
- Worked on integrating APIs, Google Apps Script, and Python for end-to-end data flow.
- Maintained and optimized small-scale automation pipelines for daily operations.

PROJECT

SMS to MySQL DB Automation

2025

Created an automated process where received phone SMS messages are sent to Google Sheets using IFTTT App, then pushed to a MySQL database using Apps Script and a Python script running every 30 seconds. Automated end-to-end data capture from SMS → Google Sheet → MySQL.

n8n Automated Social Media Posting

2025

Created an n8n workflow that pulls content from Google Sheets, downloads files, analyzes images, and automatically posts to LinkedIn and Facebook. Integrated conditional logic, HTTP requests, and data merging, with final updates written back to Google Sheets.

Python Web Scraping Project – Zomato Data Extractor

2025

Built a Python Selenium script to scrape restaurant details from Zomato, including name, address, URL, and phone number. Used auto-scrolling, dynamic element handling, and exported the results to CSV for analysis.

PREDICTING MOVIE SUCCESS

2024

This project predicts moviesuccesscategories—"Hit," "Average," or "Flop"—based on IMDB scores using machinelearning models. The dataset was analyzed through Exploratory Data Analysis(EDA) to uncovercritical factorssuch as genres, duration, and budget.

SIGN UP WALLET

2024

Sign Up Wallet a Block Chain Based Personally Identifiable Information (PII) Masking Using Lookup Substitution. sign up is a phrase referring to the creation of an online account using an e-mail address or a username and password.

Rampaintings – Painting Services Website

2023

A simple and responsive website for promoting painting services and showcasing completed projects. Designed for clear service presentation and easy customer.

HTML, CSS, JavaScript, Netlify.

Link : <https://rampaintings.netlify.app/> 

EDUCATION

New Prince Shri Bhavani Arts & Science Collage

2022 – 2024

MSC Computer Science

CGPA -[75 %]

New Prince Shri Bhavani Arts & Science College

2019 – 2022

BSC Computer Science

CGPA -[65 %]

CERTIFICATES

Boston Institute of Analytics

Data Science and Artificial Intelligence

ThiruThangal Nadar

College,National Level Seminar.

On Current Growing Trends In Artificial Intelligence and Machine Learning - Crime Prediction

TATA (Forage)

Data Visualisation: Empowering Business with Effective Insight

Accenture (Forage)

Data Analytics And Visualization job Simulation

Databricks academy

databricks accredited generative ai fundamentals

MCP for Production Automation

Certification in production automation concepts and automation workflows (Hugging Face, 2025).

INTERNSHIP

AI/ML Engineer Intern

VIYONA FINTECH

Apr/2025 – Jul/2025

Hyderabad

Web Development Intern,

web development by using html and Javascript & Corporate Communication Walk Horizons

2023

Guindy