

# REVANOORI GEETHIKA

Machine Learning Engineer/ Full Stack Developer

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## EDUCATION

### SRM Institute of Science and Techonology

Computer Science Engineering W/S in Artificial Intelligence and Machine Learning B.Tech  
CGPA: 9.40

Tiruchirappalli

2022 - 2026

### Sri Chaitanya Junior College

Degree in Intermediate, MPC  
Percentage: 94.7%

Vijayawada

2020 - 2022

## SKILLS

Programming Languages: Python, Java, C, C++, JavaScript

Libraries/Frameworks: React, Vue, Flask, Tensorflow, HTML, CSS, LangChain, Pandas, Numpy, SkLearn, Streamlit

Tools / Platforms: Docker, AWS Codebuild, Git, Github

Databases: SQL, MongoDB

## PROJECTS / OPEN-SOURCE

### Reinforcement Learning based Trading bot

*React, Flask, OpenAI Gym, MetaMask, Ethereum, Solidity*

- In this project we fine tuned a PPO model on a finance dataset from yahoo finance and trained it in OpenAI Gym, we deployed the model using React and Flask as a working full stack application which is responsive to picking api calls
- A Smart contract was created on Solidity and deployed on an Ethereum Virtual Machine using a crypto wallet from metamask

### Multi PDF Analyzer and Q&A chat agent

*Streamlit, PyPDF, HuggingFace, BERT*

- This is a Gen AI application built using api keys from Hugging face to deploy two models, one for summarization and the other for Q&A
- The final application was deployed locally using Streamlit

### SMS Spam Classifier

*Python, Streamlilt, MNB, TF-IDF*

- This was built was using Machine learning algorithm that filters spam messages using TFIDF for feature extraction and Multinomial Naive bayes algorithm for classification
- The final application was deployed locally using Streamlit

## CERTIFICATIONS

- Machine Learning - Coursera.
- Python - HackerRank, NPTEL.
- AWS Cloud Foundations - AWS academy.
- Problem Solving - HackerRank.

## HONORS & AWARDS

- Attended Gen AI and LLM Workshop Conducted by NIT Trichy
- Participated in Neo Codeathon in SRM TRICHY
- Participated in Algoconnect Hackathon at VIT
- Participated in Hackverse conducted by SRM RMP
- Organized an event called photo pixels in SRM Trichy