

ARYAN RAJ

araj47616@gmail.com | +91 9555765633
github.com/4ryn | linkedin.com/in/aryan-raj-91b399250/

Skills

Languages: Python (Numpy, Pandas, TensorFlow, Keras, Scikit-Learn), C++, JavaScript ,Java

Technologies & Tools: Flask, CSS ,ReactJS, Machine Learning, Deep learning,Data Structures and Algorithms ,NLP, Git ,API

Work Experience

Open Source Contributor

June 2024 - Present

GirlScript Summer of Code 2024 (GSSoC'24)

- Contributed to projects , focusing on Machine Learning and Deep learning.
- Conducted thorough testing and debugging to ensure code quality.
- Wrote comprehensive documentation and user guides.

CodSoft

May 2024 - June 2024

ML Intern

- Developed a machine learning model to classify movies into genres based on their descriptions, achieving high accuracy through feature engineering and hyperparameter tuning.
- Implemented a predictive model to identify customers likely to churn, enabling proactive retention strategies and improving customer retention rates.
- Designed a robust model to detect fraudulent credit card transactions, significantly reducing false positives and improving transaction security.
- *Technologies:* Python,TensorFlow, Keras, Pandas, Scikit-learn, Jupyter, Git

Education

VIT Bhopal University

Sept 2022 -Present

B.Tech. in Computer Science Engineering (Specialization in AI/ML)

GPA:9.09

ST. Clare's Convent School

July 2018 - May 2020

High School Diploma

GPA:9.28

Project Work

- **MNIST Digit Classification Model:** Developed a CNN model to classify handwritten digits from the MNIST dataset, achieving 98% accuracy. *Technologies:* Python, TensorFlow, Keras, Deep Learning (CNN)
- **Phishing URL Prediction Website:** Developed a website using ML to classify malicious URLs. *Technologies:* Python, HTML/CSS, Flask,ML
- **Chatbot Development:** Implemented a chatbot using NLP to engage customers and provide recommendations. *Technologies:* Python, NLTK,Flask
- **Sales Forecasting:** Used Time Series Analysis to forecast sales trends with high accuracy. *Technologies:* Python, Pandas, Time Series Analysis.
- **Cooksmart Website Design:** Developed a website for easy cooking, focusing on backend development. *Technologies:* JavaScript, HTML/CSS, Flask

- **Face Detection and Recognition Project:** Developed a system to detect and recognize faces in images and videos.
Technologies: Python, OpenCV, ML

Certificates

Applied Machine Learning in Python (Coursera)

Generative Design Foundations (LinkedIn)

Artificial Intelligence for Students (LinkedIn)

Postman API Fundamentals Student Expert Certificate (Postman)