

Divyansh Pillai

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EXPERIENCE

Mentoriness

March 2024 - April 2024

Machine Learning Intern

Remote

- Led projects on Customer Churn Prediction and World Cup 2023 Analysis, demonstrating strong data analysis skills.
- Efficiently managed remote tasks using collaborative tools for streamlined communication.
- Showcased adeptness in research methodologies through successful project execution.

EDUCATION

Baderia Global Institute of Engineering and Management

Bachelor of Technology in Computer Science, CGPA - 8.29

2020 - 2024

Wisdom Public School, Jabalpur, M.P.

12th - 78.2%

2019 - 2020

Wisdom Public School, Jabalpur, M.P.

10th - 87%

2017 - 2018

SKILLS

Technical Skills : C/C++, Python

Industry Knowledge : Data Structures and Algorithms, OOPs, DBMS, Operating System, Computer Networks

Development : Machine Learning

Libraries and Frameworks : NumPy, Pandas, Matplotlib, Scikit-Learn, Django

Developer Tools : MS Word, MS Excel, Git and GitHub, VS Code, Google Colab, Vercel, PyCharm

Soft Skills : Problem Solving, Communication, Leadership, Collaboration and Management

PROJECTS

1. Heart Disease Prediction Model | ([GitHub](#))

- Built a Heart Disease Forecasting Model using Python and Machine Learning Algorithms.
- Utilized Support Vector Machine (SVM) which gave an accuracy score of 77% and Logistic Regression which gave an accuracy score of 80% algorithms for accurate heart disease prognosis.
- Employed advanced machine learning techniques to enhance precision in heart disease prediction.
- **Tech-Stack** - Python and ML Algorithms, Support Vector Machine and Logistic Regression, Scikit-Learn, Tkinter.

2. Movie Recommendation System | ([GitHub](#))

- Developed an advanced Movie Recommendation System utilizing machine learning techniques such as collaborative and content-based filtering.
- Analyzes user interactions and movie attributes to understand individual preferences.
- Offers cutting-edge recommendations based on a thorough analysis of user behavior and movie characteristics.
- **Tech-Stack** - Python and Machine Learning Algorithms, Scikit-Learn, StreamLit.

3. CartEase | *Ongoing*

- We're creating a dynamic and user-friendly E-Commerce website named CartEase using modern web technologies.
- We are utilizing Bootstrap's responsive design for seamless browsing.
- We are ensuring secure login, intuitive product catalog and smooth shopping experience including product search, cart management, checkout process, shipping details, order placement and order review.
- **Tech-Stack** - HTML, CSS, JavaScript, Bootstrap, Python, Django.

CERTIFICATIONS/ACHIEVEMENTS

- **AICTE-EduSkills** - Completion certificate of AI-ML virtual internship.
- **AWS** - AWS Academy Machine Learning Foundations course.
- **Cisco** - Programming Essentials in Python.
- Secured 5th position in a Hackathon conducted by MIT Pune in February (2023).
- Mastered over 450 Data Structures and Algorithms (DSA) questions on LeetCode coding platform.