

Atharva Jaiswal

Data Scientist / Data Analyst

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Enthusiastic B.Tech Data Science student with a foundation in machine learning, data analysis, and software development. Experienced in optimizing neural networks and creating web applications. Seeking an internship to apply and grow my technical skills.

Projects

Genuine Eye Real & Fake Image Classifier	2024
- Developed a convolutional neural network (CNN) for image classification using a dataset of 120,000 images. - Advanced Data Preprocessing: Implemented image upscaling and careful dataset handling to maintain data quality, enabling the neural network to effectively learn diverse patterns and features. - Comprehensive Model Evaluation: Utilized precision, recall, and binary accuracy metrics along with binary cross-entropy loss to fine-tune the model, ensuring high reliability and accuracy in real-world applications.	
Lyrlei 🎮 Discord Bot Fun bot for discord Server	2023
- Developed a feature-rich Discord bot using Python 3.10.6 and the discord.py library, designed to enhance server interaction with fun and engaging commands. - Integrated third-party APIs for GIFs and quotes, enabling dynamic content generation and interactive user experiences. - The bot offers functionalities such as managing birthdays, providing motivational quotes, delivering Dota-themed pickup lines, and performing random selections. - Deployed on Replit with 24/7 uptime ensured by Uptime Robot; additionally, created an accompanying website using HTML and CSS, hosted on webhost.com.	
Jaiswal Bus Services Bus Seat Booking Web Application	2020 - 2022
- Developed a comprehensive web application for bus seat booking with features including user authentication, email verification, seat selection, and reservation management. - Implemented admin functionalities such as managing buses, routes, cities, and fare charts, with automatic fare calculations. - Utilized a tech stack including HTML, CSS, Tailwind, Bootstrap, PHP, and Laravel; integrated Google Charts API for dynamic sales graphs. - Employed techniques like migrations, seeders, Laravel Eloquent models, email verification, file uploads, and responsive design across all devices.	
Hydra Management System Offline Gym Management system developed using MS Access	2020-2022
- Utilized advanced database techniques, including complex queries, Visual Basic for Applications (VBA), and parameter inputs. - Implemented robust relationships, automatic backup, and security features within Microsoft Access. - Designed user-friendly interfaces and automated calculations for subscription dates and their status, BMI, and ideal weight reports.	

Education

Manipal University Jaipur - B TECH IN DATA SCIENCE AND ENGINEERING - CGPA: 7.10	2026
Choithram International School - International Baccalaureate Diploma (with Computer Science HL and Math AI HL) 29 Points / 72%	2022
Choithram International School - International General Certificate of Secondary Education (ICE: Merit / 69%) - IB Mid Year Program: M20 Personal Project (ENG)	2020

Skills

- Python (hakerrank- python 4 star silver level)
- Data Analytics (Pandas , Matplotlib, excel)
- Machine Learning (scikit-learn)
- SQL
- DSA C/C++
- Basic Web Development

Certificates

- Introduction to Machine Learning with Python March-2024
- Advance Python (AlmaBetter) Jan-2024
- Data Analysis (AlmaBetter) Jan-2024
- Pandas (Kaggle) Dec-2023
- Python (Basic) Certificate (HackerRank) Dec-2023
- Production Grade Programing (AlmaBetter) Jan-2023