

Adrian Dsouza

Mumbai, India

adriandso212006@gmail.com — +91 9321408001

GitHub — LinkedIn — Portfolio

Summary

Computer Engineering student specializing in AI & Machine Learning with hands-on experience in full-stack development and data analysis. Skilled in building AI-powered applications, data-driven systems, and scalable web solutions. Seeking internship opportunities to apply machine learning and software development skills in real-world projects.

Education

B.Tech Computer Engineering	2023–Present
Vidyalankar Institute of Technology	CGPA: 7.3
HSC (12th)	2023
Nirmala Memorial College	50%
SSC (10th)	2021
Boys High School, Sagar	76.8%

Skills

Programming: Python, JavaScript, C++, Java

Web Development: React.js, Node.js, Express.js, HTML, CSS, Tailwind CSS

Machine Learning: Pandas, NumPy, Scikit-learn, Data Preprocessing, Clustering (K-Means), Feature Engineering

Data Analysis: EDA, Data Cleaning, Matplotlib

Databases: PostgreSQL, SQLite, MongoDB

Tools: GitHub, Google Colab, VS Code, Microsoft Azure

Core Concepts: Data Structures & Algorithms, OOP, REST APIs, Artificial Intelligence

Experience

AI/ML Intern (Ongoing) UptoSkills

- Working on real-world machine learning projects and AI-based applications
- Performing data preprocessing, model building, and evaluation using Python

Machine Learning Intern (Ongoing) iStudio

- Implementing machine learning algorithms on real-world datasets
- Gaining hands-on experience in supervised and unsupervised learning

Data Science Intern CodeB (via IT Vedant)

- Performed data analysis and preprocessing on real-world datasets
- Built insights using Python and visualization tools

Projects

NextStep Career AI – Resume Analyzer & Placement Predictor

- Built an AI-powered full-stack platform combining resume analysis and placement prediction
- Developed REST APIs and responsive frontend for real-time analysis
- Generated actionable insights using machine learning models
- Live Demo

Customer Segmentation ML Dashboard

- Developed a K-Means clustering model to segment customers based on behavior
- Applied data preprocessing, feature engineering, and clustering optimization
- Built visualizations to generate business insights
- Live Demo

Retail Sales Analysis

- Conducted exploratory data analysis to identify trends in datasets
- Built visualizations for data-driven decision making

Virtual ATM Web Application

- Developed a web-based ATM system with authentication and transactions
- Used Flask and SQLite for backend and database management

Achievements

- Solved 90+ Data Structures and Algorithms problems
- Built and deployed multiple AI and full-stack projects

Certifications

Machine Learning Intermediate – Kaggle
Artificial Intelligence Fundamentals Certification
Python Programming Certification
Web Development Certification
CDAC Logic Building Certification