

ADITYA KADIA

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[LinkedIn](#)

[Portfolio WebApp](#)

SUMMARY

Computer Engineering student with a strong focus on Python, Artificial Intelligence, and Machine Learning, combined with practical full-stack development experience. I build data-driven web applications using Django and the MERN stack, handling backend logic, APIs, databases, and frontend integration. My work focuses on turning ML models into functional, real-world applications and delivering clean, scalable solutions.

EDUCATION

LJ Institute of Engineering and Technology – Ahmedabad, Gujarat
Bachelor's Degree in Computer Engineering specialized in Artificial
Engineering and Machine Learning (AIML) (Pursuing)
Expected Graduation: 2027

ITM SLS Baroda University – Vadodara, Gujarat
Diploma in Computer Science and Engineering
Aug 2021 – May 2024
Cumulative Grade Point Average: 8.05 / 10
Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Architecture, Information Security

SKILLS

Languages: Python, Java, JavaScript

Backend & APIs: Django, Node.js, Express

Frontend: React, HTML, CSS, Tailwind CSS, Anime.js, Three.js

Databases & Storage: Firebase, MongoDB

Machine Learning: scikit-learn, Pandas, Numpy

Tools & Auth: JWT, REST APIs

Certifications:

- Introduction to HTML, CSS, and JavaScript – IBM
- Exploratory Data Analysis for Machine Learning – IBM
- ReactJS – Scaler

UNIVERSITY PROJECTS

F1 Podium Predictor – Dual-Model Machine Learning App

- Created a Django application that predicts F1 race podium finishes and final positions.
- Implemented two ML models (RandomForestClassifier & RandomForestRegressor) for classification and regression tasks.
- Enabled real-time predictions based on race parameters like qualifying position, lap times, and weather conditions.
- **GitHub:** <https://github.com/nerdyADITYA/F1PodiumPredictor>

AgroAnalytics – ML-Powered Crop Prediction System

- Built a Django-based web app to predict the most suitable crop using agricultural and environmental data.
- Implemented machine learning models with scikit-learn for accurate crop classification.
- Processed and analyzed datasets using Pandas for feature extraction and model training.
- **GitHub:** https://github.com/nerdyADITYA/Agro_Analytics

ExpenseTracker – Full-Stack Personal Finance Management App

- Developed a MERN-stack application for tracking income, expenses, and financial insights.
- Integrated JWT authentication for secure user accounts and data protection.
- Added real-time dashboards and interactive charts for visualizing financial data.
- **GitHub:** <https://github.com/nerdyADITYA/ExpenseTracker>

Smart Grocer – Android Grocery Management App

- Developed a mobile-first grocery management app using Android framework and XML layouts.
- Integrated Firebase for real-time inventory and user authentication.
- Implemented smart categorization and reminders for low-stock items.
- GitHub: <https://github.com/nerdyADITYA/SmartGrocer>

