

# Devang Patel

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Entry-level AI Engineer skilled in Python, SQL, Machine Learning, and Deep Learning, with hands-on project experience in predictive modeling and data analysis. Eager to apply AI expertise to real-world applications in a dynamic organization.

## Key Skills

**Programming & Scripting:** Python, SQL

**Data Science & Analytics:** Pandas, Numpy, Seaborn, Matplotlib, PowerBI

**Database:** MySQL, PostgreSQL

**Machine Learning:** Supervised & Unsupervised Learning, Model Evaluation, Feature Engineering

**Tools & Platforms:** Jupyter Notebook, Git/GitHub

## Professional Experience

### Atliq Technology

Vadodara ,Gujarat

Data Science Intern (Internship)

May 2025 - Jun 2025

- Worked on real-world business datasets to perform data cleaning, preprocessing, and visualization using Python, Pandas, and Matplotlib.
- Applied statistical techniques and exploratory data analysis (EDA) to derive actionable insights.
- Built and evaluated predictive models using machine learning algorithms.

**Skills:** Python, SQL, Pandas, Numpy, Scikit-Learn, FastApi

## Projects

### Crop Recommendation System - Agriculture [Project Link](#)

[Python / Streamlit / Scikit-Learn / Numpy / Pandas]

Jul 2025 - Aug 2025

- a Crop Recommendation System built with Python, Machine Learning, and Streamlit, aimed at helping farmers choose the most suitable crop based on soil and climate data.
- Given inputs like Nitrogen, Phosphorus, Potassium, Temperature, Humidity, pH, and Rainfall, the model recommends the best crop to grow, improving yield and decision-making.

### Emotion Classifier Model - NLP [Project Link](#)

[Python / NLP / Scikit-Learn / Pandas / HuggingFace]

Jul 2025 - Aug 2025

- The Emotion Classifier is an intelligent NLP-based application that detects human emotions from text inputs using machine learning.
- It helps determine whether a given sentence expresses joy, sadness, anger, fear, love, or surprise, and displays an appropriate emoji for better visual feedback.

### Credit Risk Modeling Web Application - Finance [Project Link](#)

[Python / Scikit-Learn / Numpy / Pandas / Xgboost]

May 2025 - Jun 2025

- This project aims to provide an accessible credit risk prediction tool that can help banks, NBFCs, and fintech startups assess the likelihood of a customer defaulting on a loan.
- It leverages machine learning techniques to classify loan applicants as either "Good" or "Bad" risk based on various features like income, age, loan amount, credit history, etc.

### Healthcare Premium Prediction - Healthcare [Project Link](#)

[Python / SQL / Scikit-Learn / Streamlit / Pandas]

Mar 2025 - Apr 2025

- machine learning web application built using Python and Streamlit that predicts healthcare insurance premiums based on user inputs such as age, BMI, number of children, and more.
- This app predicts health insurance premiums based on user inputs like age, BMI, smoking status, and more — using an XGBoost model for high accuracy.

## Certifications

- SQL - codebasics**

Issued on: Feb 2025 [Certification Link](#)

- Excel: Mother of Business Intelligence - codebasics**

Issued on: Jun 2025 [Certification Link](#)

- Python: Beginner to Advanced For Data Professionals - codebasics**

Issued on: Jan 2025 [Certification Link](#)

- Master Machine Learning for Data Science - codebasics**

Issued on: Apr 2025 [Certification Link](#)

## Education

### Indrashil University

Bachelor of Technology - Computer Science With AI

Mehsana

Sep 2022 - Present