

Dheeraj Pravin Chaudhari

Data Science and ML Engineer

dheerajptc2004@gmail.com · +91 9975376814 · India · [GitHub](#) · [LinkedIn](#)



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SUMMARY

Aspiring BE student in Artificial Intelligence & Machine Learning with hands-on experience in data science, SQL, predictive modeling, and GenAI prototypes. Eager to secure an entry-level AI/ML role where I can apply Python, LLMs, and data pipelines to build impactful AI-driven solutions. Strong analytical mindset and passion for continuous learning.

SKILLS

Python & Development: Python Programming, OOP, APIs & REST Integration, Django, SQL, Data Pipelines

Machine Learning & AI: Supervised/Unsupervised Learning, Deep Learning Basics, Neural Networks, Model Evaluation, Data Preprocessing & Feature Eng., PyTorch, NLTK, NLP

Generative AI & LLMs: Prompt Engineering, Large Language Models (LLMs), Text Generation & Summarization, Retrieval-Augmented Generation (RAG), Fine-tuning & Model Optimization, AI Chatbot Development, GenAI Prototyping

Data & Visualization: Microsoft Power BI, Pandas / Matplotlib / Seaborn, EDA

Soft Skills: Analytical Thinking, Communication, Business Use Case Understanding, Adaptability, Creativity

EXPERIENCE

Data Scientist Intern · Wisdom Sprouts, Pune

Dec 2024 - Feb 2025

- Built predictive models on real - world datasets to extract business insights and optimize decision .
- Designed and implemented end - to - end ML pipelines covering preprocessing, feature engineering, and visualization .

Data Analytics Intern · Anudeep Foundation, Pune

Apr 2025 - Oct 2025

- Analyzed healthcare project data and built interactive dashboards using Excel and SQL.
- Cleaned, transformed, and interpreted large - scale datasets to support data - driven strategies.

Python Web Developer Intern · Qspiders

Oct 2025 - Jun 2025

- Developed scalable backend services using Django and Python REST frameworks.
- Integrated AI capabilities into web applications, focusing on GenAI features and API design.

EDUCATION

B.E. Artificial Intelligence & Machine Learning · Savitribai Phule Pune University

(SPPU), India

Nov 2022 - ongoing

- Core coursework: Machine Learning, Deep Learning, NLP, Database Management, Data Structures. Relevant Projects: EDA, Chatbot using NLTK, Hospital Data Management, GenAI prototypes.

PROJECTS

EDA on Titanic Dataset

- Performed comprehensive exploratory data analysis using Pandas, Matplotlib, Seaborn to uncover survival patterns and feature correlations.

ChatBot using GEN-AI

- Developed an intent - based chatbot using Semantic Based Prompt Technique Provided By LLM Providers .
- Integrated basic RAG concepts for improved knowledge retrieval (GenAI extension).

RAG-based Q&A Prototype

· Langchain , RAG pipeline

- Experimenting with LangChain, FAISS, and open-source LLMs to implement retrieval-augmented generation for domain-specific document QA.