

PRASHANT KUMAR

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🌐 [LinkedIn](#) 🐙 [GitHub](#) 🌐 [Portfolio](#)

Professional Summary

B.Tech (Artificial Intelligence) graduate skilled in Python, Django, FastAPI, Scikit-learn, REST APIs, and databases, with hands-on experience building ML and full-stack applications. Strong foundation in DSA, OOP, and backend development, with Oracle certifications in Data Science and AI Foundations.

Education

University of Lucknow

B.Tech in Artificial Intelligence CGPA: 7.86/10

Lucknow, India

2022 – 2026

Technical Skills

Languages	Python
Frameworks	Django, Django ORM, Django REST , FastAPI
Web Technologies	HTML, CSS, Responsive UI, REST APIs
ML & Data	Pandas, NumPy, Scikit-learn, Data Preprocessing, Feature Engineering, Model Evaluation
Databases	SQLite, MySQL,
Tools & Platforms	Git, GitHub, Render, VS Code, Postman, Jupyter Notebook
Core Concepts	Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Experience

YBI Foundation

Jun 2025 – Aug 2025

Backend Intern

- Worked on Python-based backend development, gaining practical exposure to programming tasks, backend logic, data processing, and project-based development. Applied Python programming and problem-solving concepts to build and improve backend functionality while strengthening core programming skills through hands-on technical activities.

Projects

Crop Recommendation System — Machine Learning Web App

[Live Demo](#) | [GitHub](#)

- Built an ML web app recommending **22 crop classes** using 7 soil and environmental parameters.
- Trained and compared classification models on **2,200+ agricultural records**, using data preprocessing and feature engineering.
- Integrated the ML model with a Django backend using ORM, Views, URLs, Forms, and CRUD for real-time predictions.

ShopSphere — Full-Stack E-Commerce Platform

[Live Demo](#) | [GitHub](#)

- Developed an e-commerce platform with **15+ features** including product search, cart, wishlist, checkout, authentication, and order management.
- Designed **10+ relational data models** and implemented **15+ CRUD workflows** using Django ORM.
- Implemented **role-based access control** and responsive frontend using Django MVT architecture.

Certifications

- Oracle Cloud Infrastructure 2025 Certified Data Science Professional — Oracle [\[Verify\]](#)
- Oracle Cloud Infrastructure 2025 AI Foundations Associate — Oracle [\[Verify\]](#)
- Technology Job Simulation — Coding & Development — Deloitte (Forage) [\[Verify\]](#)

Training

Artificial Intelligence Training Program — Samsung Innovation Campus

2025

Samsung - [\[Certificate\]](#)