

Pratap Narayan Choubey

Django Developer

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Summary

Django Backend Developer with hands-on experience in building scalable, secure, and high-performance web applications using Python, Django, Django REST Framework, and WebSockets. Strong understanding of backend architecture, RESTful APIs, authentication, database design, and real-time systems.

Education

ITM University

Bachelor of Computer Science
Aug, 2023 - Jul, 2027

Holy Cross School

School
Aug, 2007 - Apr, 2023

Technical Skills

Python, Java, Django, Selenium Automation, HTML5, Tailwind Css, MySQL, MongoDB, PostgreSQL, React, Web Scraping

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

Additional Skills

Public Speaking, Writing, Research

Languages

English, Hindi

Certifications

- Artificial Intelligence-Infosys Springboard
- Python Course-Tutoredude

Work Experience

KDR Tech

FrontEnd Developer

Jun, 2023 - Aug, 2023

KDR Tech (a technology solutions company providing web and software development services)

- Developed backend services using Django and Django REST Framework.
- - Designed REST APIs with authentication and role-based access control.
- - Worked with PostgreSQL and MongoDB for data management.

Edunet Foundation-AICTE

Machine Learning

Jun, 2023 - Aug, 2023

A social enterprise and educational partner focused on bridging the gap between academia and industry by providing digital skills, technology training, and internship opportunities to students across India

- Performed data cleaning and preprocessing to ensure high-quality datasets for model training.
- Trained machine learning models to derive insights and improve predictive accuracy.

Projects

Rogue-chat Application

Built a real-time chat application using Django Channels and WebSockets. Implemented Redis channel layers, authentication-protected WebSocket connections, typing indicators, online/offline presence, file sharing, and scalable async backend architecture
Nov, 2025 - Mar, 2026

- Firstly, I created the backend structure for the chat application.
- I faced difficulties managing the channel connections, as chats were sometimes lost and private messaging was unreliable, but I debugged and solved these issues successfully.
- The project is still under development, adding more features and taking inspiration from apps like Signal.

Veloce Car Rental

Developed a full-stack car rental platform with booking, inventory management, and admin controls. Integrated secure payment methods (Card, GPay, PhonePe) and an Custom powered chatbot for booking assistance
Oct, 2025 - Dec, 2025

- This is a project in which I firstly created a well-structured frontend and backend.