PRANJAL SINGH

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OBJECTIVE

Backend Developer with hands-on experience in Django, DRF, and FastAPI, skilled in designing scalable RESTful APIs, database management, and Dockerized deployments. Strong foundation in Cybersecurity, actively contributing to open-source projects and exploring AI-driven backend solutions. Seeking opportunities to build high-performance systems and grow within innovative engineering teams.

EDUCATION

MCA in Artificial Intelligence & Machine Learning, Chandigarh University   2024 – 2026 (Expected)
BCA in Cybersecurity & Forensics (IBM Affiliated Program), BBD University, Lucknow   2021 – 2024

SKILLS

Languages	Python, JavaScript, SQL, HTML, CSS
Frameworks & Libraries	Django, Django REST Framework, FastAPI
Databases	MySQL, PostgreSQL
DevOps & Tools	Docker, Git, GitHub, Postman, Pytest, CI/CD
Core Competencies	RESTful API Development, JWT Authentication, JSON handling, Debugging Agile/Scrum
Cloud	AWS (EC2, S3, RDS)

EXPERIENCE

Backend Developer Intern   Jan 2025 – Aug 2025
Exiver Projects, Chandigarh
- Developed **REST APIs** with Django & DRF for EDUMS FunForest, improving scalability. - Implemented **JWT auth** and optimized **MySQL models/queries**. - Worked in **Agile sprints** with frontend DevOps teams to resolve issues. - Contributed **unit tests** and automated deployments using **Docker**.

Django Trainee Developer   Jul 2024 – Dec 2024
Softpro India, Lucknow
- Built and enhanced internal APIs; applied **MVC architecture, ORM optimization**, Git workflows, and debugging. - Explored deployment basics and performance tuning in live environments.

PROJECTS

EDUMS – Educational Management System
Developed backend APIs with Django REST Framework; implemented serializers, role-based permissions, and filtering.

FunForest – Adventure Park Booking App
Designed backend architecture; created robust CRUD APIs, tested endpoints, and structured reusable logic.

Open Source Contribution – TwixT Project   [GitHub PR](#)
Fixed README.md errors and broken links in the *Twixt* repository (University of Colorado Boulder); collaborated with maintainers through PR workflows.

CERTIFICATES

Python Essentials – **CISCO**, Google Analytics Certification – **Google**, Cloud Essentials – **IBM**

EXTRA-CURRICULAR

Open-source contributor; exploring AI & ML technologies.