

PRAHALAD KUMAR

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[🌐 LinkedIn](#) [🔗 LeetCode](#) [🐙 GitHub](#)

Professional Summary

Backend Developer with hands-on experience in building scalable web applications using **Python**, **Django**, and **FastAPI**. Strong foundation in **DSA**, **DBMS**, and **OOP**. Experienced in designing APIs, optimizing database operations, and deploying backend services. Passionate about writing clean, efficient code and solving real-world engineering challenges.

Work Experience

Python Full Stack Intern — QSpider-PySpider / KodNest Jul 2025 – Present

- Developed backend modules using **Django** and **FastAPI**, improving API performance and response handling.
- Implemented authentication, authorization, and CRUD operations using Django ORM and FastAPI routers.
- Integrated dynamic templates with backend APIs for improved data flow and user interaction.
- Designed and optimized database schemas using **MySQL** and **PostgreSQL**.
- **Tech:** Python, Django, FastAPI, MySQL, PostgreSQL, Git

Projects

HealthBook — Online Doctor Appointment System

Tech Stack: Python, Django, HTML/CSS, PostgreSQL, Railway

Live Link: healthbook.up.railway.app

- Developed a production-ready appointment booking system with patient/doctor portals and secure login.
- Built appointment scheduling, profile management, and dynamic data handling using Django ORM.
- Implemented a clean, responsive UI and optimized backend operations for smoother user experience.
- Deployed on **Railway** with environment-based configuration and error handling.

Technical Skills

- **Languages:** Python (Advanced), SQL
- **Frameworks:** Django, FastAPI, Flask, DRF (Basic)
- **Web:** HTML, CSS
- **Databases:** PostgreSQL, MySQL, SQLite
- **Tools:** Git, GitHub, AWS, Jupyter Notebook, PyCharm, VS Code
- **OS:** Linux (Ubuntu, Kali), Windows

Education

Bachelor of Technology (B.Tech), Computer Science Engineering

Jun 2021 – Jun 2025

V.N.S Group of Colleges, Bhopal, Madhya Pradesh

CGPA: 8.03 / 10

Achievements

- Ranked in the **Top 10%** on HackerRank (Python Skill Assessment).
- Solved **450+** **LeetCode problems**, strengthening DSA and algorithmic thinking.
- Built and deployed **HealthBook**, a real-world appointment booking platform.
- Contributed to open-source Python projects related to automation and backend tools.

Certifications

- Python Full Stack Development – PySpider
- Full Stack Development – KodNest
- Python for Data Analysis – Anudip Foundation

Soft Skills

- Analytical Thinking & Problem Solving
- Clear Technical Communication
- Team Collaboration (Agile)
- Accountability & Ownership of Tasks
- Adaptability & Fast Learning
- Attention to Detail & Code Quality

Areas of Interest

– Backend Development

APIs & Microservices

– Database Design & Optimization

GenAI & Automation Tools