

RAHUL PRADHAN

Python Backend Developer

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Professional Summary

Enthusiastic and detail-oriented **backend developer** with hands-on experience building secure and scalable web applications using **Python, Django, Django REST Framework**, and **MySQL**. Strong problem-solving skills with a focus on **API** development, database optimization, and clean code practices. Adept at collaborating in Agile teams and eager to contribute to innovative software solutions.

Technical Skills

Languages: **Python, HTML5, CSS3**

Frameworks: **Django, Django REST Framework**

Databases: **MySQL, PostgreSQL, SQL Server**

Tools & Platforms: **Git, GitHub, VS Code, Postman, Pytest**

Experience

Python Backend Developer Intern – Saag Technologies

Bengaluru, Karnataka | Aug 2025 – Mar 2026

- Built scalable **RESTful APIs** with **Django** and **DRF**, enabling efficient **CRUD** operations across backend services.
- Optimized **MySQL** database schemas, reducing query execution time by 30%.
- Implemented **JWT** authentication and custom permission classes for secure access control.
- Developed unit tests with **Pytest**, achieving 90%+ test coverage, reducing regression issues.
- Documented **APIs** using **Open API** and Postman, improving collaboration with frontend teams.

Projects

Student Management System | Django, Python, MySQL, HTML5, CSS3

- Designed a full-stack platform to manage student records with role-based authentication.
- Integrated Django ORM for database operations and optimized queries with indexing.
- Added validation, search filters, and bulk update tools to improve usability.

Online Book Store | HTML5, CSS3, JavaScript

- Developed a responsive web app for browsing and purchasing books.
- Implemented search, filters, and cart functionality using JavaScript and local storage.
- Designed with a mobile-first approach, ensuring accessibility and cross-device compatibility.

Education

Bachelor of Technology (B. Tech) – Mechanical Engineering

Oxford College of Engineering and Management, Bhubaneswar, Odisha
2021 – 2024