

# SAGAR DHOK

Backend Python Developer | Django, REST APIs, MySQL  
Pune, Maharashtra, India

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## Summary

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Backend-focused Python developer with hands-on experience building REST APIs and role-based systems using Django and Django REST Framework. Strong in backend architecture, authentication, database design, and query optimization, with production-deployed projects.

## Technical Skills

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**Languages:** Python

**Backend Frameworks:** Django, Django REST Framework

**APIs:** REST API Development, Authentication & Authorization

**Databases:** MySQL, PostgreSQL (Basic)

**Frontend (Basic):** HTML, CSS, JavaScript

**Tools:** Git, GitHub, Postman, VS Code

## Projects

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### Smart ATS — Application Tracking System

GitHub: [github.com/SagarDhok/Smart\\_ATS](https://github.com/SagarDhok/Smart_ATS)

Live: [smart-ats-v0yf.onrender.com](https://smart-ats-v0yf.onrender.com)

- Designed and built a role-based recruitment platform with a 4-tier hierarchy using Django and Django REST Framework.
- Implemented custom DRF permissions and query-level data isolation for secure access control.
- Developed invite-only recruiter onboarding using UUID-based tokens with expiration handling.
- Integrated Brevo Email API for transactional recruiter invitations.
- Built a fault-tolerant PDF resume parsing pipeline handling malformed and encrypted files.
- Developed token-authenticated REST APIs for recruiter and admin workflows.

**Technologies:** Python, Django, Django REST Framework, PostgreSQL

### Movie Opinion Meter

GitHub: [github.com/SagarDhok/Movie\\_Opinion\\_Meter](https://github.com/SagarDhok/Movie_Opinion_Meter)

Live: [movie-opinion-meter.onrender.com](https://movie-opinion-meter.onrender.com)

- Built dual voting systems enforced via database-level unique constraints.
- Implemented real-time vote aggregation using Django ORM annotations.
- Optimized ORM queries using `select_related` and `prefetch_related` to eliminate N+1 issues.
- Developed authenticated REST APIs for voting and user reviews.
- Designed normalized relational schemas using TMDb IDs to prevent duplicate records.

**Technologies:** Python, Django, Django REST Framework, MySQL, PostgreSQL

## Education

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### Bachelor of Computer Applications (BCA)

Shankarlal Khandelwal College, Akola (Sant Gadge Baba Amravati University)

CGPA: 7.44