

Shivam Singh

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Professional Summary

Django/Python Developer with 2 years of experience in REST APIs, real-time systems, and scalable web apps. Skilled in Django, DRF, JWT, WebSockets, and MySQL. Currently pursuing MCA in AI & ML at LPU to expand backend and AI expertise.

Skills

- **Backend:** Python, Django, Django Rest Framework (DRF), REST APIs, MySQL.
- **Frontend/UI:** HTML, CSS, JavaScript, Bootstrap.
- **Authentication & Security:** JWT, Custom Token Authentication, Role-Based Access Control (RBAC).
- **Advanced:** Custom Decorators, Custom Middleware, Client-defined Privileges.
- **Real-time:** Django Channels, WebSockets, Threading
- **Tools:** Git/GitHub, Postman, Agile/Scrum

Work Experience

Backend / Full Stack Developer

Rays Edutech Private Limited, Patna | Apr 2024 – Present

- **Developed & deployed** 20+ REST APIs for web/mobile apps using Django & DRF, improving response time by 30% and supporting 1,000+ daily users.
- **Implemented** JWT, custom token authentication, and RBAC, strengthening security and reducing unauthorized access incidents by 40%.
- **Engineered** a real-time chat & notification system with Django Channels & WebSockets, enabling 500+ concurrent users with <1s latency.
- **Created** reusable decorators & middleware for validation and permissions, reducing repetitive code by 25% and improving maintainability.
- **Optimized** MySQL schema & queries, boosting performance by 35% and handling 10K+ records/day.

Full Stack Development Intern

Rays Edutech Private Limited, Patna | Jun 2023 – Apr 2024

- **Collaborated** on full-stack development using Django, Python, HTML, CSS, and JavaScript, contributing to 5+ client projects.
- **Enhanced** UI components with responsive design, improving user satisfaction and reducing bounce rate by 10%.

Projects

TrueSurvey (Survey & Analytics Platform) – 2025

🔗 Live Project: [True Survey | Home Page](#)

- **Developed** politician feedback, issue reporting, and real-time public/constituency chats, serving 500+ active users.

Krishco Engineers (ERP-like System) – 2025

🔗 Live Project: [Krishco Engineers \(P\) Limited](#)

- **Engineered** ERP for manufacturing & sales with QR/non-QR product tracking and reporting, reducing manual tracking errors by 40%.

EduInfo Admission Academy (Admission Management Portal) – 2025

🔗 Live Project: [collegesewa.com](#)

- **Designed** university admission portal managing 1,000+ applications with program listings, student registration, and lead generation.

Technopark Online Centre (Examination Portal) – 2024

🔗 Live Project: [Technopark Online Centre: Dont't Worry! We Provide You Solution](#)

- **Implemented** exam management system with registration, scheduling, dashboards, and authentication for multiple institutes.

Additional Projects (Practice/Dummy) – (2023-2024)

- **Created** CRUD-based apps to strengthen core web development skills (DB integration, responsive UIs, validations).

Education

- MCA (AI & ML specialization) – Lovely Professional University (2024–2026, Pursuing | 2nd Semester)
- BCA – Chandigarh University (2022–2025) | 81.20%
- Senior Secondary (XII), CBSE – 2020 | 86.60%
- Secondary (X), CBSE – 2018 | 81.20%

Certifications

Full Stack Web Development – Rays Edutech Pvt. Ltd., Patna (2022–2023)