

# Shoury Rana

+91-931-947-0237 | [shouryrana6@gmail.com](mailto:shouryrana6@gmail.com) | [linkedin.com/in/shoury-rana/](https://linkedin.com/in/shoury-rana/) | [github.com/Shoury-Rana](https://github.com/Shoury-Rana)

## EXPERIENCE

### Django Backend Intern

October – Present

*Slotin Solutions | Remote*

*Hyderabad, India*

- Built **20+ REST API** endpoints using **Django REST Framework** for core product workflows including shops, products, subscriptions, admin panel and **resolved multiple production bugs**.
- Designed and implemented a polymorphic subscription system using **Django ContentType framework** to support multiple monetization entities.
- Designed and enforced **Role Based Access Control (RBAC)** for users, moderators, admins using **Django permissions, groups, and custom permission checks** across 25+ DRF endpoints.
- Designed a flexible **EAV-based attribute system** to support dynamic product configurations.
- Designed and implemented **Firebase backend migration to Django**, improving backend flexibility and reducing vendor lock-in.
- Developed an **internal admin dashboard** using **React** to replace manual database operations and **improve operational efficiency**.
- Integrated **Firebase Cloud Messaging (FCM)** for push notifications with **automated cleanup** of invalid device tokens.
- Refactored monolithic Django view and serializer files (**~700 LOC**) into **modular components** using **IDE-assisted safe refactors**, **improving readability** and reducing future development friction.

## PROJECTS

### LinkCrate - Secure File Sharing Platform | *Django, DRF, Supabase, React, PostgreSQL*

August 2025

- Built a secure **file-sharing platform** supporting **password-protected** and **time-bound access** links.
- Designed backend APIs for **file upload, metadata storage, and access validation**.
- Implemented **link expiration** and **access control logic** to restrict unauthorized downloads.

### Samudra Sathi | Hackathon Prototype | *Django, DRF, PostgreSQL, PostGIS*

September 2025

- Developed backend APIs for **crowdsourced flood** and **hazard reporting**.
- Designed **geospatial data models** to support location-based hazard visualization.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C, C++

**Backend:** Django, Django REST Framework, Flask

**Frontend:** React, Tailwind CSS, HTML, CSS

**Databases:** PostgreSQL, Supabase, PostGIS, Firebase Realtime Database

**Cloud & Backend Services:** Firebase Cloud Messaging (FCM), Firebase Storage, Supabase Storage

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

## EDUCATION

### Guru Tegh Bahadur Institute of Technology

New Delhi, India

*Bachelor of Technology in Computer Science and Engineering(B.Tech) | CGPA: 8.72/10.0*

*Aug. 2024 – May 2028*

### Kendriya Vidyalaya Pragati Vihar

New Delhi, India

*Senior Secondary (Class XII) | CBSE | Result: 83.6%*

*2024*

### Kendriya Vidyalaya Pragati Vihar

New Delhi, India

*Secondary (Class X) | CBSE | Result: 89.8%*

*2022*

## ADDITIONAL INFORMATION

- Team secured **2nd position** in **Azinhack'25** organized by **IoSC, GGSIPU-EDC**
- Social Summer of Code (SSoC):** Top 50 contributors; contributed to multiple open-source repositories
- GirlScript Summer of Code (GSSoC):** Top 2.5% contributor; contribution led to an internship opportunity