

Shoury Rana

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EDUCATION

Guru Tegh Bahadur Institute of Technology <i>Bachelor of Technology in Computer Science and Engineering(B.Tech) CGPA: 8.72</i>	New Delhi, India Aug. 2024 – May 2028
Kendriya Vidyalaya Pragati Vihar <i>Senior Secondary (Class XII) CBSE Result: 85%</i>	New Delhi, India 2024
Kendriya Vidyalaya Pragati Vihar <i>Secondary (Class X) CBSE Result: 85%</i>	New Delhi, India 2022

EXPERIENCE

Django backend intern Remote <i>Slotin Solutions</i>	August – Present Hyderabad, India
<ul style="list-style-type: none">Designed and implemented a polymorphic subscription system using Django ContentType framework to support multiple monetization entities.Built 20+ REST API endpoints using Django REST Framework for core product workflows including shops, products, and subscriptions.Designed and enforced role-based access control(RBAC) for users, moderators, admins using Django permissions, groups, and custom permission checks across 15+ DRF endpoints.Designed and implemented Firebase backend migration to Django, improving backend flexibility and reducing vendor lock-in.Designed a flexible EAV-based attribute system to support dynamic product configurations.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.	

PROJECTS

Linkcrate — Secure File Sharing Platform Django, DRF, Supabase, React, PostgreSQL	August 2025
<ul style="list-style-type: none">Built a secure file-sharing platform supporting password-protected and time-bound access linksDesigned backend APIs for file upload, metadata storage, and access validationImplemented link expiration and access control logic to restrict unauthorized downloads	
Samudra Sathi Hackathon Prototype Django, DRF, PostgreSQL, PostGIS	May 2018 – May 2020
<ul style="list-style-type: none">Developed backend APIs for crowdsourced flood and hazard reportingDesigned geospatial data models to support location-based hazard visualizationIntegrated ML model classification for multilingual hazard reports	

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, HTML/CSS
Frameworks: Django, , Django REST Framework, Flask, React, Tailwind CSS
Databases: PostgreSQL, Firebase Realtime Database, Supabase, PostGIS
Frontend: React, Tailwind CSS, HTML, CSS
Cloud & Backend Services: Firebase Cloud Messaging (FCM), Firebase Storage, Supabase Storage
Tools & Platforms: Git, GitHub, Postman, VS Code
Concepts: RESTful API Design, Object-Oriented Programming (OOP), Data Structures & Algorithms, Database Design, MVC Architecture, MVT Architecture, EAV Data Modeling

ADDITIONAL INFORMATION

Team secured 2nd position in Azinhack'25 organized by IoSC, GGSIPU-EDC
Selected prototype at Smart India Hackathon (Internal Round) for a flood emergency and hazard reporting system
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