

HARSHIT

Backend Developer

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PROFESSIONAL SUMMARY

Backend Developer with 3+ years of experience in **Python, Django, and PostgreSQL**. Skilled in building robust and scalable **REST APIs**, Implemented event-driven systems with Celery, and applying **Clean Architecture** and **SOLID principles** to ensure maintainable code.

EDUCATION

Bachelor of Technology in Electronics and Communications | Jun 2022

National Institute of Technology, Kurukshetra | GPA: 8.796

TECHNICAL SKILLS

Languages & Frameworks: Python, Go, Django, Django Rest Framework, FastAPI, Pydantic, Celery, Kafka, Langchain, Lang-graph,

Databases: PostgreSQL, Redis, Couchbase

Cloud & DevOps: Git, GitHub Actions, Docker, AWS, Grafana, Kubernetes

Architecture: REST APIs, Clean Architecture, SOLID Principles, Dependency Injection, Microservices

PROFESSIONAL EXPERIENCE (3+ Years)

Senior Backend Developer | Nov 2025 - Present

Thotnr (Client: Credits) | *Greater Noida*

- Integrated **Google Text-to-Speech (TTS) API** into Sonix voice-bot platform, enabling smoother and more natural voice responses.
- Collaborated with the team to understand Sonix's architecture to contribute in improving overall voice-bot workflows.

Technologies Used: Django, Websockets, asyncio, Mysql, AWS

Senior Backend Developer | Apr 2025 - Aug 2025

Prashant Adwait Foundation | *Greater Noida*

- **Developed a Follow-up Management System** that streamline the outreach operations by enabling efficient call logging, automated follow-up scheduling resulting in a measurable increase in operational efficiency.
- **Integrated Razorpay API** to fully automate refund workflows after subscription cancellations, **eliminating manual refund tasks**, saved **measurable bandwidth** of the finance team.

Technologies Used: Go, Couchbase, Clean Architecture, Dependency Injection

Backend Developer | Sep 2022 - Mar 2025

RDash | *Gurugram*

- **Designed and architected core modules**—including a **Notification System**—within a modular monolith structure, ensuring long-term maintainability and scalability for the platform
- **Developed an event-driven notification system** to deliver approx **5k** notifications per day using **Celery, Redis, and webhooks** for critical workflow updates. Enhanced reliability by retry mechanisms and dead-letter queue for failed notifications
- **Optimized REST API performance** by migrating DRF validation to Pydantic and implementing PostgreSQL triggers, **cutting average response times by 60%**.
- **Practiced Clean Architecture, SOLID principles, Dependency Injection, and TDD** to ensure a highly maintainable and testable codebase, **Mentored junior developers** on best practices and project delivery.
- Built **end-to-end approval request workflows** for expense approvals, streamlining financial processes and improving accountability.
- **Implemented a Role-Based Access Control (RBAC)** system to ensure secure and granular user permissions and enforce data-level access policies across multiple modules.

Technologies Used: Python, Django, Django Rest Framework, PostgreSQL, Celery, Twilio