

Shrey Goyal

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Portfolio | LinkedIn | GitHub | LeetCode

SUMMARY

Software Developer and AI Enthusiast with hands-on experience building production web applications and AI-powered products. National Winner of Smart India Hackathon 2025.

EDUCATION

Thapar Institute of Engineering and Technology

Bachelor of Technology in Computer Science and Engineering

Patiala, India

Jul 2023 – Jun 2027

EXPERIENCE

SuccessBrew

Software Development Intern

Remote

Jun 2026 – Aug 2026

- Shipped **20+ frontend and backend features** across the company's marketing, community, and e-commerce modules using React, TypeScript, Tailwind CSS, and Python, reporting directly to senior leadership.
- Designed **15+ REST endpoints** and supporting data pipelines that powered live analytics dashboards used by **internal business teams**.
- Built and maintained a shared component library of **25+ reusable UI components**, reducing new-page development time by approximately **40%**.
- Introduced **Redis caching** on **5 high-traffic endpoints**, reducing repeated database queries and lowering median response time by approximately **35%**; implemented **rate limiting** for API protection and integrated **Sentry** for error monitoring and performance tracing.

Netsmartz

Generative AI Intern, Conversational and Agentic AI

Chandigarh, India

Jun 2025 – Jul 2025

- Engineered a multilingual voice AI assistant covering **5 languages** with Vapi, FastAPI, WebSockets, and Librosa, holding **sub-second turnaround** on real-time speech processing.
- Led delivery of **2 LLM services** into internal use: a training recommender built on psychometric data and an autonomous call-audit agent that transcribed **100+ recordings** with OpenAI Whisper.

PROJECTS

SuccessBrew Platform | Next.js, TypeScript, Prisma, Razorpay, AWS S3

successbrew.in | Jun 2026 – Present

- Architected a production web application with a custom CMS and admin back office spanning **12+ content types**, built on the Next.js App Router with Zod-validated CRUD workflows.
- Implemented fine-grained **role-based access control (RBAC)** across **6 roles**, isolating admin routes through middleware and adding speaker approval flows with S3 uploads and audit logging.
- Established an end-to-end commerce funnel on Razorpay covering server-side order creation, **HMAC webhook verification**, **idempotent payment handling**, and automated entitlements.

Call Audit System | Python, FastAPI, Whisper, Ollama

Jun 2025 – Jul 2025

- Extended an open-source **FastAPI** service into an **LLM-driven auditing agent**, contributing audio preprocessing, Whisper transcription, and Ollama-based conversation scoring across **7 quality metrics**.
- Connected analysis output to RingCentral and Google Sheets, achieving **fully automated processing** that removed manual review for **100% of recorded calls**.

ApexTrack | Python, Flask, SQLAlchemy, Tailwind CSS

GitHub | Aug 2025 – Dec 2025

- Directed backend development for a **4-person** academic team building a Formula 1 community site with tiered access, live standings, and user and team management.
- Modeled the relational schema in SQLAlchemy and co-designed responsive admin panels serving **3 distinct user roles**.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C++

Frameworks and Libraries: Next.js, React, Node.js, FastAPI, Flask, Tailwind CSS, Pandas, NumPy, Scikit-learn, TensorFlow

Generative and Agentic AI: LLM Integration (Ollama, Whisper), Prompt Engineering, Conversational and Voice AI, Agent Workflow Automation, Speech-to-Text Pipelines

Databases and Tools: PostgreSQL, MySQL, Redis, Prisma, Git, REST APIs, AWS S3, Firebase, Postman, Sentry

ACHIEVEMENTS

- National Winner, Smart India Hackathon 2025:** Placed first nationally against **50,000+ participants**, co-building an AI-driven VR chemical disaster response training simulator for the NDRF within a **6-person team**.

CERTIFICATIONS

- Generative AI with Large Language Models** | Coursera
- 100 Days of Code: The Complete Python Pro Bootcamp** | Udemy