

ANMOL PATEL

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SUMMARY

Full-stack developer and IT undergraduate (Class of 2027) who builds LLM-driven agents and ships TypeScript and Python systems end to end. **Ranked #5 globally of 47,951 participants (Top 0.1%)** in GSSoC 2026 with 820 merged pull requests across 35 repositories, shipping through maintainer code review and automated test suites.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C, C++, SQL
Frontend & Backend: React.js, Node.js, Express.js, REST API Design, HTML/CSS
Databases: MongoDB, MySQL/SQL
Cloud & Tools: AWS Fundamentals (EC2, S3, IAM), Git, GitHub, Linux
AI & Agents: LLM Integration, Agent Loops (ingest → decide → act), Prompt Engineering, NLP Feature Extraction
Engineering Practice: Automated Testing, Code Review, Issue Triage, Data Structures & Algorithms

OPEN SOURCE CONTRIBUTIONS

GirlScript Summer of Code (GSSoC) 2026 — Open Source Contributor [Profile link](#) 2026

- Finished #5 globally among 47,951 participants (Top 0.1%) on the final GSSoC 2026 leaderboard.
- Merged 820 pull requests across 35 repositories (web, tooling, AI libraries), scoping work independently and debugging unfamiliar codebases.
- Primary repositories: InternHack, 450-dsa, PDF-Assistant-RAG; changes landed through maintainer review and automated test suites.

PROJECTS

InsiderEdge - Autonomous AI Trading Agent [Demo link](#) 2026

- Built an autonomous Python agent that polls live market data, gets buy/sell/hold calls from a Groq-hosted LLaMA 70B, and executes them on-chain via Web3.py and ERC-8004 contracts on Sepolia — a full ingest-decide-act loop with no human in the middle.
- Validated every action before it runs (nonce management, gas-safety checks, chainId handling) and cut redundant API calls with per-symbol cache expiry; placed on the lablab.ai AI Trading Agents Hackathon leaderboard.

FocusTube - Privacy-First Browser Extension [Repo link](#) 2026

- Shipped a Chrome/Edge (Manifest V3) extension with content scripts and a background service worker, handling YouTube's single-page-app navigation.
- Popup UI with keyboard shortcut (Alt+Z) and adjustable dimming; preferences stored locally with zero analytics or external requests.

SenseBite - AI-Powered Food Label Analysis [Demo link](#) 2024

- Built a React + TypeScript tool that extracts ingredient lists from product images in the browser using Tesseract.js OCR.

ArogyaAI - AI-Powered Healthcare Analysis Platform [Demo link](#) 2025

- Designed MongoDB schemas and REST endpoints for a MERN app that turns free-text symptoms and prescriptions into structured health records and triage recommendations.
- Built a Python NLP preprocessing pipeline that normalizes medical text to JSON, served through versioned API routes.

EDUCATION

B.Tech, Information Technology — Netaji Subhash Engineering College, Kolkata 2023 – 2027
CGPA: 7.21 / 10

Senior Secondary (CBSE, Class XII) — SS Memorial School, Bhatahar — 81.8% 2022

Secondary (CBSE, Class X) — Mother's International Academy, Madhupur — 87% 2020

CERTIFICATIONS & ADDITIONAL INFORMATION

Certifications:

- Introduction to Generative AI (Google)
- Prompt Engineering for Developers (DeepLearning.AI)
- Foundations of Cybersecurity (Google)
- Hugging Face on AMD.

Languages: English, Hindi