

Shubham Kumar

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EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science and Engineering

CGPA: 8.77

Bhopal, Madhya Pradesh

Jun 2026

SKILLS

Languages & Frameworks: C++, Python, SQL, TypeScript, React, FastAPI, Node.js

AI & Tools: Gemini API, Mistral API, Neo4j, Mermaid.js

Hosting & Cloud: Git, GitHub, VS Code, GCP, PostgreSQL

PROJECTS

assisT – AI-Powered Teaching Assistant [GitHub]

Mar 2025

- Gemini + Mistral pipeline for grading handwritten and typed answers.
- React/TypeScript frontend, FastAPI backend, PostgreSQL database.
- Redis task queues for feedback delivery; deployed on GCP.
- Accelerates grading workflow across diverse input formats.

DPOP – AI SQL Data Generator [GitHub]

Apr 2025

- Auto-generates SQL INSERT statements using Gemini AI.
- Exports output as downloadable PDFs/images; includes bcrypt hashes dummy data.
- Single-click script generation for structured database seeding.
- Built for modularity and easy expansion across formats.

AutoDocs – VS Code Extension for Project Visualization [GitHub]

Jun 2025

- Hackathon-built VS Code extension generating project scaffold and docs.
- Utilizes Gemini AI to produce tailored flowcharts and README files.
- Parses AST to visualize relationships; diagrams rendered via Mermaid.js.
- Developed using TypeScript and VS Code API for instant use.

EXTRA-CURRICULAR

Member – Technical Team, NULL VIT Bhopal Chapter

Jun 2024 – Present

- Supported logistics and coordination for technical events and workshops.
- Created a lightweight event webpage and assisted with tool maintenance tasks.

Open Source Contributions

- Successfully completed Hacktoberfest 2024; contributed to React and HTML projects.
- Participated in GirlScript Summer of Code 2024 with frontend enhancements in open repos.

ACHIEVEMENTS

Hackathons

- GDSC Solution Challenge 2025 – submitted *assisT* project.
- lablab.ai Hackathon – built *AutoDocs* VS Code extension (Jun 2025).

Coding Contests

- Cleared all 5 Immersion DSA Contests at VIT Bhopal (Jan–May 2025).
- Ranked Top 7/800

DSA Practice

- Solved 620 problems on GeeksforGeeks — Top 1.33% out of 10,032 geeks

[Profile](#)