

Shubham Kumar

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7763042401 — Dalsinghsarai, Bihar

SUMMARY

Aspiring full-stack developer with a strong foundation in C++, Python, and modern web technologies (React, Node.js, FastAPI). Passionate about building scalable AI-integrated tools, with hands-on experience in GCP deployment, automation, and competitive coding. Solved over 500 DSA problems; active participant in hackathons.

EDUCATION

VIT Bhopal University , B.Tech in Computer Science and Engineering CGPA: 8.81	Jun 2026
JJS College Belamegh , BSEB, Higher Secondary (PCM) 74.8%	Jul 2022
St. Joseph Public School , CBSE, Secondary School Certificate 89%	Jun 2020

PROJECTS

assisT – AI-Powered Teaching Assistant - Developed an AI grading pipeline using Gemini and Mistral APIs to evaluate handwritten and typed answers, reducing grading time by 60%. - Built a full-stack platform (React/TypeScript, FastAPI, PostgreSQL) deployed on GCP. - Integrated Redis-based background tasks and scalable feedback delivery.	Mar 2025
DPOP – AI SQL Data Generator - Created a full-stack app that generates SQL INSERT statements from schemas using Gemini AI. - Supported image and PDF generation, bcrypt hashing, and dummy data creation. - Designed a responsive one-click UI for downloading outputs.	Apr 2025
IRCTC Automated Ticket Booking (Chrome Extension) - Developed a Chrome extension to automate ticket booking by skipping login and search. - Used OCR.Space API to auto-read and prefill CAPTCHA fields. - Automated DOM interactions for efficient form submission.	Feb 2025 – Ongoing

EXTRA-CURRICULAR

Technical Team Member , NULL VIT Bhopal Chapter - Developed the official website for CTFs and event registrations. - Built internal tools to support security events and learning resources.	Jun 2024 – Present
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ADDITIONAL ACTIVITIES

Coding Contests

- Immersion DSA Contest – VIT Bhopal: Top 25/800 (Jan 2025), Top 120/800 (Mar 2025)

Hackathons

- GDSC Solution Challenge 2025 – Submitted *assisT* project

Data Structures & Algorithms

- 580+ problems solved on GeeksforGeeks; Rating: 1700+

Languages Known

- English – Proficient
- Hindi – Native

Certifications

- Web Development Bootcamp
- Cloud Computing Essentials