SOURABH JOSHI

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EDUCATION

VIT Bhopal University   **2022 – 2026**
B.Tech - Computer Science and Engineering (Core)   *CGPA- 9.29*

Mahaveer Public School (CBSE)   **2021**
Senior Secondary (XII)   *Percentage- 93.8%*

Nakoda Public Secondary School (RBSE)   **2019**
Secondary (X)   *Percentage- 96.33%*

RELEVANT EXPERIENCE

Coding Jr (Code4Bots Technologies Pvt Ltd) – AI Research Intern (Remote)   **Feb 2025 – Apr 2025**
- Conducted **market and product-fit research** to evaluate AI-driven solutions for automation.
- Experimented with **AI models and workflow automation tools**, improving efficiency of internal processes.
- Prepared detailed **reports and insights** for leadership, contributing to product roadmap decisions.

PROJECTS

TalentScout – AI-Powered Full-Stack Chatbot Application   **Nov 2024 – Jan 2025**
- Developed a full-stack AI chatbot application using React, TypeScript, FastAPI, and WebSockets to provide an interactive Gemini-powered assistant.
- Integrated Google Gemini API for intelligent, context-aware responses and implemented real-time session management for dynamic conversations.
- Implemented features to auto-generate SQL scripts from DDL statements, showcasing advanced AI-assisted functionality.

CodeClash – Real-time Competitive Coding Platform   **Mar 2025 – Apr 2025**
- Engineered a live coding battle platform featuring AI-generated coding problems, instant execution, and global leaderboard.
- Integrated AI-generated coding problems (Google Gemini AI) to automate problem creation and scale platform content.
- Built a scalable backend with **Next.js, TypeScript, Tailwind CSS, Firestore, WebRTC, and Google Gemini AI** ensuring low-latency performance.

SKILLS AND CERTIFICATIONS

- **Programming Languages:** Java, Python (Intermediate), MySQL
- **Tools & Platforms:** Git, MS Excel, Figma, Notion, Jira, Firebase
- **AI Tools:** ChatGPT, Gemini AI, Claude (used for workflow automation & content generation)
- **Certifications:** Postman API Fundamentals Student Expert (Mar 2025)

ACHIEVEMENTS

- Secured **All India Rank 5** in the **Indian Space Lab Winter Technical Training Program (Jan 2025)**, successfully completing advanced modules in **satellite communication**, **coding simulations**, and **aerospace systems**.
- Strengthened **problem-solving expertise** by solving **550+ coding problems** on **LeetCode** and **GeeksforGeeks (2023–2025)**, improving code optimization efficiency and problem-solving speed.
- Represented **Jodhpur District** as a **Kabaddi Player (2019)** in inter-district tournaments, demonstrating strong **teamwork**, **discipline**, and **resilience** in competitive sports.

CO-CURRICULAR ACTIVITIES

Teaching Representative - PI Mathematics Club VIT Bhopal
- Conducted 10+ workshops and bootcamps for enhancing mathematics skills and community engagement.

Technical Lead at GSOC Club, VIT Bhopal
- Organized 5+ hackathons and coding events, boosting participation from 100 to over 300 students.

Student Council - Discipline Committee at VIT Bhopal
- Maintained discipline and ensured smooth execution of campus events by enforcing the institutional code of conduct