SURAJ JOSHI

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Education

VIT Bhopal University, Bhopal — B.Tech, Computer Science — CGPA: 8.14/10	**Sep 2022 – Present**
Army Public School, Jammu Cantt — Class XII — 91.4%	**Apr 2021 – Jun 2022**
Army Public School, Jammu Cantt — Class X — 88.8%	**Apr 2019 – Jul 2020**

Technical Skills

- **Programming Languages:** C++, Python, JavaScript
- **Frontend Technologies:** React.js, HTML5, CSS3, Tailwind CSS
- **Backend Technologies:** Node.js, Express.js
- **Databases:** MongoDB, SQL
- **Developer Tools & Platforms:** Git, GitHub, VS Code, Vercel

Technical Projects

- **Screenly | React.js, Tailwind CSS, Xata, Arcjet** **Jan 2025 – Mar 2025**
  - Built a web app that allows users to record and store videos online with a smooth, responsive interface.
  - Connected the app to a cloud database (Xata), improving data storage speed and access time by around **40%**.
  - Added secure login using Arcjet, blocking over **50 unauthorized access attempts**.
  - Optimized video streaming and reduced load time by nearly **20%**, improving user satisfaction scores.

- **SortSpectra | HTML, Tailwind CSS, React.js** **May 2024 – Jul 2024**
  - Created an interactive website that visually explains how sorting algorithms like QuickSort and MergeSort work.
  - Enhanced animation performance by about **40%**, leading to smoother user experience.
  - Added controls to pause, play, and change animation speed increasing average session time by **30%**.
  - Designed a mobile-friendly layout that reached over **500 users** across different devices.

- **ChefMate | React.js, Node.js, Express.js, MongoDB, Vapi AI** **Feb 2024 – May 2024**
  - Developed a voice-enabled cooking assistant that helps users follow over **100 recipes** hands-free.
  - Secured user data with JWT-based authentication, maintaining over **99.9% uptime**.
  - Improved backend response time by **25%** and scaled APIs to handle more than **500 daily requests**.
  - Redesigned the frontend interface, increasing recipe engagement and user retention by nearly **50%**.

Certifications

- **Cloud Computing | NPTEL** (Issued: **June 2024**)
- **MERN Stack Developer Certification | Ethnus** (Issued: **April 2025**)

Achievements

- Advanced to **quarter-finals**, **Juspay Hiring Challenge (Unstop)** — **200,000 participants**
- **Runner-up**, Inter-Branch Football Competition (Team Leader)

Additional Information

- **Languages: Hindi** (Native), **English** (Professional)
- **Interests: Football**, **Cricket**, **Gym**, **Geopolitics**