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SAHIL SHRIVASTAVA

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Indore, Madhya Pradesh - 452010, India

SUMMARY

Results-driven Computer Science undergraduate with strong foundations in Data Structures, Algorithms, and software engineering principles. Hands-on experience in building scalable web applications, RESTful APIs, and AI-enabled platforms. Passionate about problem-solving, system design, and delivering reliable, high-quality software solutions aligned with enterprise standards.

EXPERIENCE

• **Bheema Infotech**   *January 2026 - Present*

Mern Stack Intern

◦ Built RESTful API integrations with React.js for the Skill Darbar online course selling platform.

◦ Implemented frontend–backend communication using Axios, JSON, and HTTP methods (GET, POST, PUT, DELETE).

◦ Designed responsive and reusable UI components using React.js, HTML5, CSS3, and modern UI libraries.

EDUCATION

• **Shri Vaishnav Vidyapeeth Vishwavidyalaya**   *2022 – 2026*

Btech in CSE | *CGPA: 7.44 / 10*   Indore, India

PROJECTS

• **Vertex AI: AI Career Coach Platform**   *Mar 2025 – June 2025*

Tools: Next.js, Shadcn UI, Prisma, PostgreSQL, Clerk Auth, Gemini API   Link

◦ Built an **AI-driven career platform** using **Next.js** and **shadcn/ui**, integrating **resume and cover letter generation** with the **Gemini API**.

◦ Developed a personalized **learning ecosystem** with adaptive quizzes and intelligent content workflows to enhance user engagement.

◦ Secured the backend using **Prisma ORM**, **Neon PostgreSQL**, and **Clerk Auth**, implementing **RBAC** and query optimization.

• **Chat-Hive: Real-Time Chat App**   *Dec 2024 – Feb 2025*

Tools: MERN Stack, Socket.IO, JWT, MongoDB,HTTPS, CORS   Link

◦ Developed a real-time **chat platform** using **MERN + Socket.IO**, supporting **50+ concurrent users** with typing indicators and delivery receipts.

◦ Designed an **event-driven WebSocket architecture** with namespaces and async channels, enabling **sub-second latency and scalable multi-user sessions**.

SKILLS

◦ **Languages:** C++ (DSA), JavaScript, SQL, NoSQL

◦ **Technologies:** MERN Stack, Tailwind CSS, HTML5,

◦ **Tools:** Git, GitHub, Postman, VS Code

◦ **Strengths:** Data Structures & Algorithms, SDLC, REST APIs, Problem Solving, Team Collaboration

ACHIEVEMENTS

• Secured **Top 10 position** in a department-level **coding competition** focused on DSA and logic building.

• Solved **200+ problems** on **LeetCode** and **GeeksforGeeks (GFG)**, demonstrating strong **algorithmic thinking** and **coding interview readiness**.

• Secured a **Gold Medal** in an **Inter-College Dance Competition** as **Head of Nataraj Club**, leading team coordination, choreography, and performance excellence.

CERTIFICATIONS

• **Postman API Certified**   Link

• **C++ Certification** from **IIT Kharagpur**

• **DBMS Certification** from **IIT Kharagpur**