SAKSHI SHRIVASTAVA

Jabalpur, Madhya Pradesh

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EDUCATION

Vellore Institute Of Technology   **May 2026**
*B.Tech - Computer Science and Engineering : **CGPA** - **9.13***

Technical Skills

- **Languages:** C++, JavaScript, TypeScript, SQL
- **Frontend:** React.js, Next.js, React Hooks, Redux, HTML5, CSS3, Tailwind, BootStrap
- **Backend & Architecture:** Node.js, Express.js, REST APIs, JWT, Clerk, System Design (Basic)
- **Databases:** MongoDB, MySQL, Convex
- **Cloud/DevOps:** AWS (EC2, S3, Lambda, IAM), Docker, Version Control, Git/GitHub

EXPERIENCE

YugaYatra Retail (OPC) Pvt. Ltd.   **Sept 2025 – Nov 2025**
Software Engineer Intern   *Remote*

- Engineered web applications using **Firebase, JavaScript**, and modern frameworks for e-commerce platforms, improving page load times by 20%.
- Collaborated in Agile sprints using **Google Workspace**, improving sprint velocity by 15%.
- Implemented **JWT-based authentication** and secure API communication following best practices.
- Integrated Amazon/Flipkart seller portals using **REST APIs**, automating product listings and inventory sync.

PROJECTS

Prescripto ⧉ | MERN Stack, JWT Auth, Razorpay API, Tailwind CSS   **May – July 2025**

- Developed a full-stack appointment scheduling system solution using **MERN stack** serving 100+ users.
- Implemented backend development with 20+ **RESTful APIs** with **JWT authentication**, improving security and reliability
- Created an **Admin Dashboard** to manage 15+ doctors, automating approvals and reducing manual coordination steps by 70% .
- Integrated **Razorpay** for online payments, achieved an 85% transaction success rate.

DietAssist ⧉ | Next.js, React, shadcn/ui, Clerk, Convex, Gemini LLM, Vapi   **Jan – Mar 2025**

- Engineered a full-stack AI web application utilizing **Next.js and React**, which enabled voice-driven personalized workout and diet plan generation, boosting user engagement by 40%.
- Elevated a low-latency **LLM-powered voice assistant** using Gemini and Vapi, transforming health inputs into fitness programs with $< 2s$ response time and 99% request success rate.
- Architected a secure system incorporating **Clerk authentication and OAuth (Google/GitHub)**, implemented role-based access control that prevented unauthorized access to sensitive user data, and reduced support tickets by 30%.

Certifications

- **AWS Certified Cloud Practitioner** – Demonstrated understanding of Cloud Computing, EC2, S3, IAM, Lambda, CloudWatch, serverless technologies, and AWS architectural best practices.
- **J.P. Morgan Chase & Co. Software Engineering Virtual Experience (Forage)** – Gained hands-on exposure to REST APIs, Python, financial data analysis, Agile methodology, and Git-based version control workflows.

Achievements & Extracurricular

- Top 20 – **Tudethon Frontend Competition** (UI/UX, React, team collaboration)
- **Finathon-Finance Hackathon** event in partnership with Zerodha, managing logistics, coordination, and execution
- **NSS Coordinator** – Oversaw team operations, planning, and successful execution of a 10,000+ tree plantation drive