

Sneha Chauhan

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PROFESSIONAL SUMMARY

Motivated Software Developer with hands-on experience in React.js, JavaScript, and Firebase, and a strong foundation in Data Structures, Algorithms, and Object-Oriented Programming. Skilled in developing responsive web applications and integrating APIs. Actively working on Generative AI projects, including document-based RAG systems and Agentic AI architectures, leveraging LangChain and vector databases to build intelligent, production-ready solutions.

EDUCATION

BE in Computer Science | Chandigarh University
XII | Sun Rise Public School
X | Sun Rise Public School

CGPA- 7.67 | May 2021- May 2025
78% | Apr 2019 - Mar 2020
87% | Apr 2017 - Mar 2018

PROFESSIONAL EXPERIENCE

Krutanic Solutions | Full Stack Web Developer

Sep 2024 – Nov 2024

- Developed and maintained responsive web applications using HTML, CSS, JavaScript, ReactJs and collaborated with the backend team to enhance application performance and user experience.
- Integrated RESTful APIs for dynamic data handling and improved user interaction.
- Tech Used:-** Git-Github | HTML | CSS | JavaScript | ReactJs | Node JS| Express JS.
Certificate: ([Link](#))

PROJECTS

Document Assistant – GenAI RAG Application| [LINK](#)

Sep 2025 – DEC 2025

- Built a full-stack Retrieval-Augmented Generation (RAG) application to answer user queries from documents.
- Implemented document chunking, embeddings, and semantic search using LangChain and faiss-cpu
- Developed a FastAPI backend deployed on Render and a React frontend deployed on Vercel.
Note: Document upload and processing are limited on the cloud demo due to free-tier memory constraints; fully functional in local and higher-memory environments.
- Tech Used:-** FastAPI | LangChain | faiss-cpu | React | Render | Vercel

FataFat Bazaar – an online grocery delivery website | [LINK](#)

Jan 2025 – May 2025

- Developed a fully responsive online grocery platform using React.js and Firebase, implementing seamless product browsing, cart management, and order placement for local users. Integrated Razorpay payment gateway to enable smooth and secure online payments, improving the overall checkout and user experience.
- Designed a scalable frontend architecture with modular components (Navbar, Hero Section, Product Grid, Footer) and implemented real-time product and user data handling using Firebase.
- Tech Used:-** ReactJs | NodeJs | CSS | Firebase | JavaScript

HealSpace – mental health support system | [LINK](#)

Mar 2024 - July2024

- Built a complete mental-health support platform using React.js and Firebase, featuring structured modules for Anxiety, Depression, Addictive Behavior, and Disorders.
- Added complete support features including documentation for learning, visual exercises for guided practice, precaution modules for daily management, and a smooth consultant-booking.
- Tech Used:-** Git-Github | HTML | CSS | JavaScript | ReactJs | Firebase.

TECHNICAL SKILLS

- Languages & Framework:** C, C++, Python, HTML, CSS, ReactJs, JavaScript, Node JS, Express JS
- Database & Server:** MySQL, FireBase
- Artificial Intelligence & GenAI:** Generative AI, Retrieval-Augmented Generation
- Version Control & Deployment:** Git, GitHub, Vercel, Render.
- Other:** Data Structures & Algorithms, Object-Oriented Programming (OOPs)

CERTIFICATIONS

- Certificate of Data Structure and Performance from Coursera ([LINK](#))
- Certificate of Python for Data Science, AI & Development from Coursera ([LINK](#))

ADDITIONAL INFORMATION

- Published a research paper in the *International Journal of Innovative Science and Research Technology* ([LINK](#))
- Participation in Myntra Hacker-Ramp ([LINK](#))