

Avinash Sharma

Full-Stack Engineer | AI-Engineer

avinashsharma301997@gmail.com | +919518147028

[LinkedIn](#) | [Github](#) | [Portfolio](#)

Skills

AI & LLM Engineering: LLM Integration, GenAI Engineer , RAG (Retrieval-Augmented Generation), Agentic AI, LangChain/LangGraph, Vector Databases, MCP

Backend & Infrastructure: Node.js, Express.js, Python, REST APIs, WebSockets, JWT, Cookies

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, TypeScript

Database & Vector Stores: MongoDB, Pinecone, Chroma

Programming Languages: JavaScript, TypeScript, Python, C++

Tools & Platforms: Git, AWS (EC2, S3), OpenAI API, Gemini API, Cursor

Experience

Binary Data Pvt. Ltd. | Software Developer

Nov 2025 – Present

- Developed and maintained scalable web applications using MERN Stack and Next.js
- Built custom error tracking to capture runtime errors, user sessions, and automate email reports.
- Designed and deployed 5+ domain-specific RAG chatbots for internal projects, enabling teams to query project documentation and codebases using natural language.
- Integrated AI-powered workflows and LLM-based systems to automate debugging and response generation
- Optimized backend APIs, significantly improving response time and application performance

Jan Elaaj Pvt. Ltd. | React Developer Intern

Aug 2025 – Nov 2025

- Developed and optimized responsive, user-friendly web interfaces using **React.js**, **SCSS**, and **JavaScript**.
- Integrated **REST APIs** to fetch and manage dynamic data, ensuring smooth communication between frontend and backend.

Projects

Unwinnd | *React.js, JavaScript, Socket.io*

[Live Link](#)

- Contributed extensively to both the **Partner (Therapist) Dashboard** and **User (Patient) Dashboard**, building multiple pages and UI flows - deployed live updates via **SSH** and **PM2** on a remote production server.
- Implemented **real-time Socket.io chat** between partners and users, enabling seamless therapist-patient communication within the platform.

Multiplayer Web Game | *React.js, Socket.io, Cypress*

[Live Link](#)

- Developed an offline/online multiplayer game with 100 % test coverage using Cypress (E2E testing framework), Tested by 50+ users during release. Implemented using React hooks, Google Sign-In, and real-time socket communication.

Other Projects: [Attire-Avenue](#) | [To-Do List](#) | [My Portfolio](#) | [Weather-App](#)

Achievements

3rd Position – Technical Project Exhibition

National Engineer's Day

- Ranked 3rd among 45+ participants.

Education

BRCM College of Engineering and Technology, Bahal
B.Tech in Computer Science and Engineering, CGPA 7.6

Aug 2021 - July 2025

Vaish Model Sr. Sec. School - Bhiwani
12th, CBSE, Percentage 86.6%

Apr 2019 - Mar 2020