

OM CHAVAN

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Education

AISSMS Institute of Information Technology, Pune

B.Tech – Information Technology CGPA: 8.7

2023 – 2027

Pune, Maharashtra

Experience

Freelance Web Developer

2024 – Present

- Shipped **4 paid client websites** end-to-end – handling design, development, and deployment independently.
- Delivered full-stack apps (NutriHub, FiTour) and an NGO school website for Special World, promoting education for students with disabilities.
- Managed hosting, domain setup, and post-launch support for all client projects.

Machine Learning Intern | Personify

2024

- Applied data mining techniques and ML algorithms; built a basic recommendation system for personalized suggestions.
- Gained hands-on experience applying ML concepts to real-world business problems.

Skills

Web Development (Frontend)

- HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, Shaden UI, Framer Motion, Responsive Web Design.
- Sample Projects: 🌐 [web-development](#)

Backend Development

- Node.js, Express.js, REST APIs, Authentication (JWT/OAuth), CRUD Operations, MongoDB, PostgreSQL, SQLite, Prisma ORM, Mongoose.
- Sample Projects: 🌐 [learning-express](#) 🌐 [learning-javascript](#)

Programming & Core CS

- Java, C++, Python, SQL, Object-Oriented Programming (OOP), Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Software Engineering.

Generative AI & Machine Learning

- Google Gemini API, Gemini Vision API, Groq API, Prompt Engineering, AI Agents, LLM Application Development, OCR, RAG (Basics), Machine Learning, Recommendation Systems, Data Mining, Feature Engineering, Model Evaluation.

DevOps, Tools & APIs

- Git, GitHub, Docker, Kubernetes (Basics), Vercel, Render, Netlify, Cloudinary, Postman, React Flow, Recharts, OpenStreetMap API, Web Speech API, Deepgram API.

Projects

FiTour – AI Travel Planner 🌐 🔗

Next.js, TypeScript, Gemini AI, OpenStreetMap, Tailwind CSS

Client Project

- Engineered an AI travel engine using **Gemini AI** to generate personalized, budget-optimized itineraries based on user preferences and real-time location data.
- Integrated **OpenStreetMap** for interactive mapping and **Web Speech API** for voice-activated destination search; added offline itinerary access via local storage.

NutriHub – AI Nutrition Tracker 🌐 🔗

Next.js, TypeScript, Gemini Vision, Groq, Recharts, Shaden UI

Client Project

- Leveraged **Gemini Vision API** to automate caloric and macronutrient logging via meal photo analysis and OCR.
- Built dynamic data visualizations with **Recharts** to track daily macros; architected responsive dashboard with **Next.js Server Components**.

Devfolio – College Project Showcase Platform 🌐 🔗

Next.js, TypeScript, MongoDB, Cloudinary, GitHub OAuth

College Project

- Built a college-wide platform where final-year students publish their projects with live demo and GitHub links, giving recruiters a single place to discover student work; officially adopted by the college and built solo end-to-end.
- Implemented **GitHub OAuth** login that auto-generates each student's profile with a live GitHub contribution heatmap and auto-added collaborators; used **MongoDB** for data and **Cloudinary** for image hosting.