

Aarav Parikh

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PROFESSIONAL SUMMARY

Driven Computer Science student with proven ability to build responsive, scalable frontend applications with strong **UI/UX** and visual design foundations. Demonstrated success in translating design concepts into production-ready interfaces while ensuring performance and accessibility. Passionate about crafting intuitive digital experiences and delivering impactful solutions as a **Frontend Engineer** with expertise in **UI/UX** and **Graphic Design**. I have done several freelance work for companies.

EDUCATION

Manipal University Jaipur 2024 – 2028
B.Tech in Computer Science and Engineering (AI-ML) CGPA: 9.49 / 10

TECHNICAL SKILLS

Languages: Python, C, SQL, C++
Core CS: Data Structures and Algorithms, OOP, RDBMS, Time & Space Complexity, OS
Backend: FastAPI, RESTful API Design, Node.js
Databases: PostgreSQL, Supabase, Vector Databases, Query Optimization, Database Indexing
Cloud & DevOps: Docker, AWS (EC2), API Deployment, CI/CD
GenAI & LLMs: LangChain, LangGraph,
ML & Data: TensorFlow, Scikit-learn, Pandas, NumPy, Model Evaluation
Tools: Git, GitHub, VS Code, copilot, Logging, Debugging, SDLC, Figma, Photoshop, Canva

EXPERIENCE

Dogle India Nov 2025 – Jan 2026
Frontend/Graphic Design Intern *Paid-Remote*

- Built responsive UI components using **React.js**.
- Integrated interactive 3D elements with **Three.js**.
- Designed marketing and product creatives using **Figma, Canva, and Photoshop**.
- Developed reusable components to improve **scalability** and **workflow** efficiency.

PROJECTS

Breast Cancer Detection using Machine Learning (*ResNet, CBIS-DDSM, PyTorch*) 2026-ongoing

- Developing a **ResNet**-based **PyTorch** model trained on the **CBIS-DDSM** dataset for automated breast cancer classification..
- Building a web platform where users can upload **mammograms** and reports for **AI-assisted analysis** and prediction.

Ecodrop-Smart Waste Management System (*React, Typescript, Vite, React Hooks*) [[GitHub](#)] 2025

- Built a smart waste management platform with categorization, scheduling, rewards, and tracking using **React & TypeScript**.
- Added **analytics, volunteer management**, and validated forms for a scalable user experience.

Netflix Clone (*React, TMDB API, CSS*) [[GitHub](#)] 2025

- Built a responsive Netflix-style streaming UI with **React, Firebase Authentication**, and live **TMDB** movie data integration.
- Implemented dynamic movie rows, hero banners, scroll-aware navbar, and real-time user auth with responsiveness for a polished user experience.

Intellectual Arena-AI Debate Arena (*React, Typescript, Radix UI, Vite, Zod validation*) [[GitHub](#)] 2026

- **AI Debate Platform** – Interactive arena to debate AI opponents with scoring & analytics.
- Built with **React + TS – Vite, Tailwind, React Query**; fast, modern, deployed on Vercel.

ACHIEVEMENTS

DevHeat-IIIT SURAT 2026

- Secured **6th Position** at **DevHeat Hackathon, IIIT Surat**, competing among 70+ national-level teams.

Hack with Uttar Pradesh 2025

- Secured **12th position** at **Hack With Uttar Pradesh**, a National-level hackathon sponsored by Blackbox AI.