YATHARTH SAXENA

+91 77048 33769 | yatharthsaxena50@gmail.com | github.com/Yatharth-Saxena | linkedin.com/in/yatharthsaxena01

SUMMARY

Full-stack developer and B.Tech CSE student who has shipped production e-commerce websites for 2 paying clients, one now taking real customer orders. Built the frontend and voice AI for Aethon, ranked 3rd (Software) in the Smart India Hackathon 2026 internal pre-qualifiers. Seeking software development internships and entry-level roles.

EDUCATION

Galgotias University | B.Tech, Computer Science and Engineering | **CGPA: 8.40/10** *2024 – 2028*

New RSJ Public School | Class XII (CBSE): 80.0% · Class X (CBSE): 89.9% *2024 / 2022*

SKILLS

Languages: JavaScript, Python, Java, C++, C, SQL
Frontend: React, Tailwind CSS, Three.js, HTML, CSS
Backend & Databases: Node.js, Express, REST APIs, WebSockets, MongoDB, MySQL
AI: Speech-to-Text, Text-to-Speech, Local LLMs (Ollama)
Tools: Git, GitHub, Vite, Linux, Cloudflare
Core CS: Data Structures & Algorithms, OOP, DBMS

EXPERIENCE

Freelance Full-Stack Web Developer *Sep 2026 – Present*

- Delivered production e-commerce websites for **2 paying D2C clients** end to end, owning requirements, UI design, backend APIs and deployment on Cloudflare.
- aashienterprises.store: launched a storefront that now takes **real customer orders**, with cart, order tracking, and custom APIs for pincode-based delivery checks and WhatsApp enquiries.
- dronatek.in: developed an API-driven product catalogue with interactive Three.js 3D product models, a per-product design selector and Motion animations.

PROJECTS

Aethon – AI Assistant for Space Experiments | React, Three.js, Python | GitHub *Sep 2026*

- Built the React mission-control dashboard for an SIH 2026 project (team of 6): live camera feed with YOLOv8 and MediaPipe overlays, a Three.js 3D telemetry view, and step-by-step guidance updated over WebSockets.
- Developed the voice assistant pipeline (speech-to-text, command parsing, local LLM via Ollama, text-to-speech) so users can run experiments hands-free and hear spoken warnings on out-of-order steps.

QuickBite – Food Ordering & Queue Management | React, Node.js, Express | GitHub *Mar 2026*

- Designed an Estimated Pickup Time engine that models kitchen capacity: it batches identical orders, spreads work across active cooks, and adds walk-in (offline) load that online-only systems miss.
- Implemented REST APIs for orders, menus and offline load that power separate customer and vendor apps with order tracking and crowd-level indicators (team of 3).

Jarvis – Voice Assistant | Python *Jan 2026*

- Automated desktop tasks such as launching apps and running web searches through voice commands, using a modular command system so new skills plug in without changing core logic.

ACHIEVEMENTS & LEADERSHIP

- **Smart India Hackathon 2026** – Rank 3 in Software category and Top 10 overall in internal pre-qualifiers (Aethon)
- **VibeCon Hackathon** – Finalist with QuickBite
- **Tech Lead, IEEE Computer Society** – Galgotias University (2026 – Present)

CERTIFICATIONS

- **Red Hat** – Linux, System Administration
- **Oracle Academy** – Database Management Systems (DBMS)
- **GUVI | HCL** – Java, OOP, Servlets & JSP, Mastering MySQL