

Jatin Garg

Full Stack Developer | AI/ML Engineer | Data Science Student
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Professional Summary

Full Stack Developer and Data Science student with a record of winning **18+ national hackathons** and securing a **Rs. 1.5L startup grant**. Expert in architecting **RAG-based AI applications**, cross-platform mobile solutions, and multi-agent systems. Delivered production software serving thousands of users with a focus on **LLM fine-tuning** and scalable DevOps.

Technical Skills

Languages/Frameworks: Python, JS (ES6+), PHP, C++, SQL, Dart, React.js, Next.js, Node.js, Flutter, FastAPI
AI & Media: ElevenLabs, Agora, STT, Murf, Gemini Fine-tuning, Semantic Search, Agents ADK, RAG, CNN
Cloud & DevOps: Docker, Kubernetes, AWS (EC2, S3), VPS, CI/CD Pipelines, MongoDB, Git, Kafka, Redis, Zookeeper
Specialized Tools: Three.js, OCR, Conversational AI, Voice Animation, Web Crawlers, Multi-Agent Orchestration

Internships

Pharmeasy Jan 2026 – March 2026
Data Science Intern Remote
● Optimizing pharmaceutical supply chain efficiency via predictive ML models and automated data pipelines.

Freelance & Ventures

Desk and Wood Techno Solution Jan 2024 – Present
Founder & Lead Developer Greater Noida, UP
● Built the **3D Virtual Laboratory** using **Next.js** and **Python**.

Independent Freelance Developer Feb 2026 – Present
Full Stack & AI Engineer Remote
● Building custom full-stack solutions, AI-driven integrations, and scalable backends for international and domestic clients.

WebDesino Aug 2025 – April 2026
Freelance Full Stack Developer Remote
● Developed **10+ applications** with Flutter/React, integrating Voice AI and secure payment gateways.

Inovatech.in Feb 2026 – June 2026
Freelance Developer Remote
● Architected scalable backend systems and AI-driven integrations for client platforms.

Projects

Probe (Knetic) | Next.js, Python, Agora, Murf AI, Three.js Sept 2026
● **Aim:** Streamline recruitment and student interview practice using multi-agent AI orchestration.
● **Details:** Developed an online 3-agent evaluation system featuring real-time voice pipelines and immersive 3D interfaces (Live: Knotic.coddyio.tech).
● **Outcome:** Automated structured assessments and provided realistic, interactive practice environments.

Elixra – Virtual Chemistry Lab | Next.js, FastAPI, Three.js, AI Nov 2025 – Present
● **Aim:** Revolutionize remote science education through immersive simulation and AI tutoring.
● **Details:** Built a 3D laboratory environment integrated with RAG-based AI for instant student feedback (Live: Elixra.in).
● **Outcome:** Secured a Rs. 1.5L equity-free grant at the Investo Pitch Event.

Mensa – Women's Health Platform | Flutter, Node.js, OCR, Voice AI Dec 2025 – Feb 2026
● **Aim:** Provide accessible, localized medical guidance and health tracking for women.
● **Details:** Built a health tracker featuring OCR medical report parsing and multilingual Voice AI via ElevenLabs.
● **Outcome:** Won 1st Prize at AM Hacks 2.0 (IGDTUW).

Awards & Achievements

Investo Pitch Event — Secured Rs. 1.5 Lakhs equity-free grant for startup (Elixra) 2026
Winner of 18+ National Hackathons & Science Competitions 2021 – 2026
Smart India Hackathon (SIH) — Pre-Qualifier Selection 2026
AM Hacks 2.0 (IGDTUW) — 1st Prize Winner – AI Health Solution 2026
GDG TechSprint — 3rd Position – Optimized real-time data processing 2026
WIE HackEarth (IEEE WIE) — 1st Prize Winner – IoT Sustainability Project 2025
Hackfest (GDG New Delhi) — Runner Up – Developed Buddy AI Platform 2025
NCERT Rastriya Bal Vigyanik Pradhashini — 1st Prize (National Level) 2022
ZEST (Vikas Bharti School) — 3rd Prize (Interschool) 2021
Build-o-thon (GDG Noida) — Runner Up (National Level) 2025
Code with Flow — First Winner (National Level) 2026
Hackspace — Second Winner (National Level) 2026

Education

Galgotias University 2024 – 2028
B.Tech in Computer Science & Engineering (Data Science) Greater Noida, UP
Nanyang Technological University (NTU) 2026
Academic Exchange / Study Program Singapore

Research Experience

Early Detection of Oral Disease 2025 – 2026 · Delhi, India
● Developed and trained a **Convolutional Neural Network (CNN)** model for the automated classification and early detection of oral pathologies from clinical imaging, achieving high accuracy in feature extraction and contributing to non-invasive diagnostic workflows.

Virtual Laboratory Simulations in Chemistry Present
Lead Researcher Greater Noida, UP
● Investigated the pedagogical impact of **3D virtual laboratory simulations** on student comprehension and retention in complex chemistry subjects, leveraging **Three.js** to build immersive environments and correlate simulation efficacy with traditional learning outcomes.