

Aryan Gupta

B.Tech. Computer Science Core

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Education

- B. Tech. 4th year | Vellore Institute of Technology August 2021-August 2025
- Intermediate | FIITJEE Junior College, Kukatpally April 2020-March 2021
- Matriculate | DLF Public School, Ghaziabad April 2018-March 2019

Internships

1. Flutter Development Intern | Persist Ventures Pvt. Ltd May 2024- July 2024

- Spearheaded the development of a robust Flutter app from the ground up, delivering a seamless user experience for over 15,000 users.
- Integrated Django-based backend APIs, ensuring smooth communication between frontend and backend services, reducing data latency by 30%.
- Collaborated with cross-functional teams on backend integration, design reviews, and iterative improvements, resulting in a 25% reduction in project delivery time.
- Hired a UI/UX designer and collaborated in design reviews, establishing a design system that improved inclusivity and user experience, contributing to a 40% increase in user satisfaction ratings.

Marketing Head | DailyWellnessAI

December 2024- February 2025

- Promoted from marketing to COO for exceptional leadership, managing operations, product development, and cross-functional teams.
- Led Agile workflows as Scrum Master, optimizing Jira and streamlining project execution.
- Spearheaded app development (Flutter, Django), scaling to 15K+ users while also managing web (React) and AI product testing.
- Hired and built high-performing teams across engineering, design, and marketing, driving growth and innovation.
- Developed pitch decks, managed social media, and produced video content (Premiere Pro, After Effects) to enhance brand and investor engagement.

Projects

- Mental Health and Welfare App.**
 - Created a mental health and welfare app for campus-wide use, reaching over 5,000 users, and implemented a secure, real-time monitoring system for faculty and seniors, reducing response times to mental health alerts by 40%.
 - Integrated advanced AI models to detect signs of distress, increasing early intervention rates by 30% and fostering a supportive campus environment.
- Gaia's Touch.**
 - Engineered a Flutter app connecting NGOs with users, engaging over 10,000 potential users and integrated SDG-based filtering, location-based NGO display, and in-app donations via Google Pay, increasing donation transactions by 50%.
 - Added a community leaderboard, boosting user engagement by 70%, and implemented AI chatbots, driving a 60% increase in user interaction.
- SheSafe.**
 - Engineered an advanced campus safety app using Flutter and Firebase, enhancing safety for over 5,000 users and integrated secure gender verification via Aadhaar API, ensuring that 100% of registered users are female.
 - Developed an AI-powered chatbot and an IoT wearable device for real-time alerts, improving emergency response accuracy by 40% when the app is inaccessible.
 - Designed an AI model for CCTV integration, cutting response times to critical situations by 50%.
- Company Insights AI Agent.**
 - Developed a Streamlit-based AI agent app that orchestrates multiple agents for comprehensive company data analysis.
 - One agent utilized DuckDuckGo to aggregate company news and relevant web articles, while another tapped into yfinance for real-time stock data and analyst recommendations.
 - A final aggregator agent synthesized these insights, delivering actionable intelligence.
 - Employed agno (formerly phidata), Python, ollama, OpenAI and Groq API for LLM, leveraging Llama3.3 versatile, Deepseek-r1, and occasionally OpenAI 4o models
- Voice-Controlled Car with Google Assistant and Raspberry Pi.**
 - Constructed a voice-controlled car using Google Assistant, Raspberry Pi, IFTTT, and Adafruit services, achieving 90% accuracy in voice command execution.
 - Deployed a system where voice commands control the car's movement, reducing manual control time by 70%.
 - Led and collaborated with the team to integrate hardware and software components, increasing system reliability by 80%.

Awards / Academic Achievements

- Winner, Smart India Hackathon 2023:** Facilitated as an app developer, Secured the top position at the national level for problem statement women safety in college campuses under the government of Jharkhand.
- Semi-Finalist, Amdocs Talent Tank:** Advanced to the top 10% of participants and awarded \$50K in prize money, demonstrating exceptional talent and expertise in a competitive environment.
- Special Mentions, Google Hackathon:** Presented a unique technological solution in the Google Hackathon, recognized for creativity and significant contributions; designed a web-based tool that increased accessibility of sustainability resources for over 1,200 participants.

Skills

- Computer languages:** Java , Dart, Python
- Packages & Technologies:** Flutter, MERN Stack, Firebase, Git .
- Additional Skills:** Gen AI, AI Agents, Phidata, Langchain, Linux, Adobe After Effects, Adobe Photoshop, Adobe Lightroom, Figma, Blender 3D.

Certificates and Licenses

- MERN Stack by Ethnus| [Link](#)
- AWS Certified Cloud Practitioner| [Link](#)
- Google Foundations of User Experience (UX) Design | [Link](#)