

Aryan Garg

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EDUCATION

Vellore Institute of Technology

BTech in Computer Science and Engineering- CGPA: 9.09

Vellore, Tamil Nadu

August 2023 – Present

EXPERIENCE

myjobb AI

May 2025 - July 2025

Frontend Developer Intern [website](#)

React, TypeScript, Tailwind, React Email

- Led frontend development across 4 key areas: landing page (20k-30k+ visitors), job dashboard (10k+ users in early weeks), admin portal (handling 100k+ jobs and feedbacks), and dynamic email templates.
- Developed a custom CMS to create and publish blog articles and resource pages along with an admin portal for monitoring user activity and collecting structured feedback.
- Enhanced SEO and structured content for the landing and blog pages to improve organic reach and boosted user retention during long AI-generated responses through dynamic, interactive UI patterns.

Interact

November 2024 - March 2025

Frontend Developer Intern [website](#)

Typescript, NextJS, Tailwind

- Worked on a web platform empowering college students to craft and display portfolios through participation in hackathons, projects, events, and community initiatives.
- Developed an advanced rich text editor adopted by over 1,000 users, incorporating entity tagging (users, organizations, communities), markdown support, and custom emojis to enhance creative content production.
- Integrated a profile photo editor with cropping capabilities, streamlining the upload process and elevating user experience.

Yantra'25

February 2025

VIT's Annual flagship Tech fest [github](#)

NextJS, Framer, Tailwind

- Built Yantra's official portal from scratch, enabling 5,000+ students to browse hackathons and tech events with smooth navigation and dynamic UI.
- Engineered the frontend using Next.js and Framer Motion, achieving a 90% reduction in page load times and a 15% boost in user engagement within the first week.

PROJECTS

Multi-Hop KG-RAG

August, 2026

Agentic Research Paper QA System [github](#)

Python, LangChain, LangGraph, Neo4j, OpenAI

- Built an agentic multi-hop RAG system combining Neo4j KG with hybrid HNSW + BM25 retrieval for research-paper QA.
- Orchestrated query decomposition, sub-question answering, and response verification with LangGraph, enabling adaptive graph traversal and LLM-generated Cypher queries.
- Added bounded reasoning loops with context accumulation and external-search fallback for improved grounding on complex queries.

Secure Private Chat

January, 2026

Anonymous Ephemeral Chat Application [github](#)

Next.js, TypeScript, Redis

- Built a real-time anonymous chat system using Redis Streams for message delivery, with temporary two-user rooms and automatic room expiration.
- Implemented cookie-based authentication, Redis-backed room management, and automatic room expiration for secure short-lived communication.

Mail-Man

December, 2024

Scalable Bulk Emailing System [github](#)

NodeJS, Express, Redis, BullMQ, React

- Architected a high-throughput, non-blocking email processing system using Node.js worker threads, BullMQ, Redis, and Nodemailer, enabling efficient dispatch of personalized emails from CSV inputs.
- Integrated React-Email-Editor for dynamic template design and implemented Google OAuth 2.0 for secure, authenticated user access.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, C/C++, Go, HTML, CSS

Frameworks & Libraries: React, Next.js, Spring, Spring Boot, Express, Hono, LangChain, LangGraph, Streamlit

Backend & Architecture: REST, GraphQL, gRPC, tRPC, WebSockets, Microservices

AI / ML: RAG, Knowledge Graphs, Tool Calling, Agent Orchestration, MCP, OpenAI API

Databases: PostgreSQL, MongoDB, Redis, Neo4j, Pinecone

Tools & Infrastructure: Git, GitHub, Docker, Postman, Biome