

C SAI PRATHYUN GUPTA

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PROFESSIONAL SUMMARY

AI/ML & Full-Stack Engineer specializing in GenAI, LLMs, RAG, and agentic AI systems. Experienced in building production-ready AI applications with LangChain, LangGraph, vector databases, and scalable backend architectures, serving 120+ users with sub-2s latency.

TECHNICAL SKILLS

Languages: Python, JavaScript / TypeScript, Java, SQL

AI/ML Stack: LangChain, LangGraph, RAG Pipelines, GenAI, LLM Fine-tuning, Prompt Engineering, Vector Databases (Pinecone), Gemini API, Retrieval Systems

Frontend: React.js, Next.js, React 18, Tailwind CSS, Responsive Design, Client-Side Optimization

Backend: Node.js, Express.js, REST APIs, Database Design, MongoDB, Firebase, Realtime Systems

DevOps/Cloud: Vercel, Git/GitHub, CI/CD Concepts, Performance Optimization, Postman API Testing

PROJECTS

Wealth Wise

[GitHub](#) [Live Demo](#)

- Full-stack financial advisory platform (120+ users); multi-agent agentic system (LangGraph) with expense analysis, risk profiling, and recommendation agents. RAG pipeline with vector embeddings + fine-tuned LLM increased relevance by 35%; <1.8s latency.

Tech Stack: Python, React.js, Tailwind CSS, RAG, LLMs, LangChain, PostgreSQL, and Groq API.

OMEX AI

[GitHub](#) [Live Demo](#)

- LLM-powered code analysis & security tool (50+ developers, 15 GitHub stars); Gemini API + Lyrz AI detect 12+ vulnerability classes; improved test coverage by 40%; Vercel deployment with 220ms avg. response time.

Tech Stack: React.js, Tailwind CSS, Gemini API, Lyrz AI, Node.js, Express.js, OAuth and Vercel.

Zen Notes AI

[GitHub](#) [Live Demo](#)

- Real-time collaborative platform (MERN + Firebase) with 30+ concurrent users, live multi-cursor editing, <150ms sync latency. AI-powered NLP for summarization & auto-tagging reduced manual work by 30%.

Tech Stack: Next.js, TypeScript, Tailwind CSS, Firebase, Liveblocks, and Vercel.

OPEN-SOURCE CONTRIBUTIONS

Elite Coders Winter of Code (ECWOC)

Jan – Feb 2026

- Ranked 2nd of 1,500+ contributors; shipped features across 21 repos, resolved 100+ critical bugs, demonstrated systems design & debugging expertise.

GirlScript Summer of Code (GSSoC)

Jun – Oct 2025

- MERN-stack feature enhancements; optimized DB queries (25% latency reduction), refactored APIs for scalability, 50+ merged pull requests.

Hacktoberfest 2025 (Digital Ocean)

Sep – Oct 2025

- 8 merged PRs to production repositories, 6 critical issues resolved; Super Contributor; strong debugging & code quality focus.

ACHIEVEMENTS

- Winner, Windsurf Enterprise-Level Hackathon
- Runner-Up, Jupiter Web3 Hackathon (awarded 1× Grant)
- Recognized as Super Contributor, Hacktoberfest (DigitalOcean)
- 124 public repositories, 79 stars, 51 followers on GitHub; earned 6 achievement badges — Pull Shark (×4), Starstruck, Pair Extraordinaire, Galaxy Brain, YOLO, and Quickdraw.

CERTIFICATIONS

- GenAI 101 — Built capstone project as part of the workshop
- AI & ML Search with OpenSearch (Elasticsearch + AI/ML)

EDUCATION

Keshav Memorial Institute of Technology

Oct 2022 – Jul 2026

B.Tech, Computer Science (AI & ML) | CGPA: 8.75 | Hyderabad, Telangana, India

Sri Chaitanya Junior College

Oct 2020 – May 2022

Secondary Education (Intermediate) | 92.7% | Hyderabad, Telangana, India