Gurukishore G

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SUMMARY

AI / ML Engineer with 1+ years of experience building agentic AI systems using LangGraph, CrewAI, LangChain, and LLM APIs (OpenAI, LLaMA). Strong backend engineering background with real-time, WebSocket-based systems, async FastAPI services, and cloud deployments. Proven ability to design multi-agent architectures, stateful workflows, and secure backend components used by real users. Brings strong product thinking, startup execution mindset, and clear communication across technical and non-technical stakeholders.

SKILLS

PROGRAMMING: Python, C++, Java (Basic), Data Structures, Algorithms, SDLC, OOPS, System Design, Automation, Prompt Engineering, Context Engineering

AI/ML: LangGraph, CrewAI, LangChain, AI Agents, Multi-Agent Systems, RAG, OpenAI, Llama, Pinecone, VectorDB, Pandas, NumPy, Scikit-learn, Power BI, Tableau, MySQL, PostgreSQL, Redis, MongoDB

FRAMEWORKS & TOOLS: Flask, Django, FastAPI, Uvicorn, Git, Linux, Websockets, Google Cloud Platform, AWS, Postman, Cursor, Claude Code

SOFT SKILLS: Communication, Project Management, Research & Documentation, Product Ownership, Conflict Resolution, Collaboration, Strategy, Analytical Storytelling, Time Management, Adaptability, Root cause analysis

EXPERIENCE

CONSTIENT GLOBAL SOLUTIONS   Sep 2025 – Present
AI/ML Engineer   Chennai, Tamil Nadu

- Conducted an organization-wide technical workshop on LangGraph, agent design patterns, and autonomous agents, training 30+ developers and standardizing agent development practices.
- Built a smart shopping agent capable of autonomous product search, reasoning, and recommendation, which improved product discovery efficiency by 45% and boosted session engagement by 30%. Developed a restaurant ordering AI assistant handling end-to-end menu exploration and structured order generation, processing user orders with a 98% completion rate.
- Migrated stateless LLM workflows to stateful, agent-driven execution, reducing hallucinations by 25% and increasing grounding accuracy by 20%.
- Implemented secure three-tier authentication via LangGraph agents, device metadata, and session validation, enhancing compliance by 40%+ and reducing authentication failures by 50%.
- Researched and fine-tuned LLM prompt strategies, achieving 20–35% reduction in LLM usage cost and improving response stability scores by 1.4×.
- Oversaw documentation, testing, debugging, and release operations, maintaining >90% feature delivery reliability across 5+ major AI feature releases.

NHANCIO   Nov 2024 – Aug 2025
Founders Office - AI & Product   Remote

- Led development of a scalable AI-powered job automation platform for 1,000+ users, leveraging OpenAI GPT and LLaMA.
- Designed and deployed context engineering, advanced prompt engineering, LLM state management, and Redis-based caching, improving responsiveness by 40%.
- Built an AI mock interview system with Whisper-based voice input and NLP analysis, improving interview readiness by 60%+.
- Implemented large-scale job application automation and a real-time tracking dashboard, enabling users to submit 5× more applications per day.
- Created automated testing workflows and contributed to 15+ major feature releases within Agile sprint cycles.
- Collaborated cross-functionally with designers and stakeholders to ship customer-centric features with measurable impact.

OUTLIER   Aug 2024 – Jul 2025
Freelance Multimodal LLM Trainer   Remote

- Enhanced AI model accuracy by 25% by evaluating complex multimodal solutions and providing technically sound feedback to refine model behavior.
- Authored and refined over 100 robust prompts, specializing in crafting clear, context-rich instructions to test and improve generative AI outputs.
- Developed expertise in identifying model hallucinations and biases, a key component of "Limitations and Safeguarding" in AI.

BOSCH GLOBAL SOFTWARE TECHNOLOGIES (BGSW)   Feb 2024 – Jun 2024
Associate Software Engineering Intern   Coimbatore, Tamil Nadu

- Developed a user-friendly dashboard for learning resources and kits, streamlining accessibility by 5x and demonstrating a commitment to creating educational tools.
- Contributed to automating over 63% of software integration activities, showcasing an ability to simplify complex technical workflows.

PUBLICATIONS

ENHANCED CARDIOVASCULAR RISK PREDICTION USING ML-POWERED WEB APPLICATION
11th International Conference on Signal Processing and Integrated Networks (SPIN 2024)   Published - May 2024

Skills: *Python | Flask | React | Scikit-Learn | Hashing | Project Management*

- Developed a secure, user-friendly full-stack application that makes advanced cardiovascular risk prediction accessible to the public. Addressed a critical gap by bridging sophisticated ML capabilities with real-world usability, highlighting a focus on translating complex systems into practical tools.

PROJECTS

MOCKAI – AI-POWERED INTERVIEW SIMULATOR   Mar 2025 – Aug 2025
Skills: *Python | React | Restful APIs | WebSocket | OpenAI API*

- Developed a full-stack application using Flask, React, and OpenAI APIs, enabling real-time interview simulation and feedback.
- Built modular REST endpoints with caching and integrated WebSocket for low-latency interactions; deployed on cloud servers.

AI-POWERED WEBSITE BUILDER   Aug 2024 – Oct 2024
Skills: *React | Node | Rest APIs | GPT | WebSocket*

- Built a real-time website builder with GPT-powered content generation using React. Focused on DOM manipulation, cross-browser responsiveness, and dynamic component rendering. Integrated backend endpoints using async fetches and optimized performance using lazy loading.

ORDER EXECUTION AND MANAGEMENT SYSTEM FOR DERIBIT TEST   Jul 2024 – Sep 2024
Skills: *OOPs | C++ | Data Structures | Rest APIs | WebSocket | Git*

- Designed REST/WebSocket APIs in Python and C++ for real-time trading functionalities including order placement, cancellation, and orderbook updates.
- Applied data structures (heaps, hashmaps) to ensure low-latency execution and high-performance analytics.

COURSES & CERTIFICATIONS

Mckinsey Forward Program (December 2025)
Skills: *Problem Solving | Critical Thinking | Relationship Building | Effective Communication | Data Storytelling*

AI Agents Intensive Course with Google (November 2025)
Skills: *Multi-Agent Systems | Orchestration | Production Workflows | Evaluation Loops*

Oracle Cloud Infrastructure Generative AI Professional (October 2025)
Skills: *Embeddings | Fine-tuning | Multimodal Models | OCI Deployment & Monitoring | Security & Governance*

Oracle Java Foundations (June 2025)
Skills: *Java | OOPs | Oracle Cloud*

Gen AI Intensive Course with Google (April 2025)
Skills: *LLMs | AI Agents | Generative AI*

SQL (Advanced) by Hackerrank (Aug 2024)
Skills: *SQL | MySQL | SQL Server | Problem Solving | Database*

Machine Learning with Python (Dec 2023)
Skills: *Supervised learning | Unsupervised learning | Hyperparameter tuning | Feature engineering | Scikit-learn*

Natural Language Processing (May 2023)
Skills: *Language Modeling | Text Processing | Sentiment Analysis*

Artificial Intelligence : Search Methods for Problem Solving (Nov 2022)
Skills: *Algorithms | Game Theory | Problem Solving*

EDUCATION

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING   2020-2024
SSN College of Engineering, Chennai   CGPA: 8.0 / 10.0

CBSE CLASS XII   2012-2020
The Psbb Millennium School, Chennai   Boards: 95.6%