

Harikeshav Rameshkumar

r.harikeshav@icloud.com | [+1 \(513\) 848-9642](tel:+1(513)848-9642) | Columbus, OH | [LinkedIn](#) | [GitHub](#)

EDUCATION

Ohio State University <i>B.S. Computer Science</i>	May 2027 Columbus, OH
• GPA: 3.8/4.0	

WORK EXPERIENCE

SIAGE Solutions <i>Software Engineer Intern</i>	June 2025 – August 2025 Bangalore, KA, India
• Engineered an intelligent ML-powered ticketing system to automate prioritization and duplicate identification, which resulted in the cleanup of thousands of tickets for 10+ clients and streamlined their operational processes.	
• Created a secure RAG-based chatbot that transformed clients' internal knowledge management by indexing 100+ technical manuals , enabling retrieval of precise information on demand without jargon and reducing documentation search time .	
• Automated the analysis of 50,000+ product reviews by creating a pipeline for web scraping, sentiment analysis, and insight extraction, providing clear, actionable data to drive product improvements.	

National Public School Indiranagar <i>Student Organizer, Host, Mentor</i>	June 2022 – Feb 2024 Bangalore, KA, India
• Founder & Host, Codessey 2023: Founded and directed "Codessey," the school's first inter-school technology festival ; led the core committee in managing multi-school coordination, conceptualized hackathon challenges, established technical infrastructure, and mentored 100+ participants in programming and project ideation.	
• Tech & PR Lead, Mathtrix 2023: Spearheaded technology and public relations for "Mathtrix," the school's largest triennial math fest with 500+ participants ; developed a custom event management application featuring a QR check-in system, web server, and database, alongside the official landing website.	
• Organizer & Developer, Regium 2022: Co-organized the inaugural inter-school cultural festival, "Regium," engaging 12 high schools ; managed all digital marketing , including creating the website and promotional videos , and engineered an automated score management system with a real-time leaderboard to score over 30+ participants seamlessly.	

RESEARCH

Indian Institute of Technology, Madras <i>Research Intern</i>	June 2023 – Oct 2023 Remote
• Predicted wireless signal strength in various indoor environment situations using machine learning and electromagnetic wave theory .	
• Designed and trained 8 predictive models using various ML models, based on collected experimental data, and generated signal strength heat maps to visualize results and enhance network planning in 5+ indoor spaces .	
• Co-authored a research paper comparing model performance for practical deployment insights.	

PROJECTS

LeadForge (Fully Autonomous AI Sales Platform)	Oct 2025 – Present
• Architected and co-developed a multi-agent AI platform using LangChain and LangGraph to fully automate sales workflows, from lead generation and prototyping to multi-channel outreach (email, AI-powered phone calls) and scheduling.	
• Engineered a scalable backend using FastAPI microservices, containerized with Docker/Docker Compose , and deployed on AWS .	
• Managed complex application state, lead data, and user configurations using PostgreSQL and SQLAlchemy .	
• Developed a responsive React and TypeScript frontend for user configuration and monitoring of the autonomous sales agents.	

Sane Jtreet (Multi-Agent AI Trading Firm)	Aug 2025 – Present
• Designed a sophisticated, multi-agent AI framework using LangChain and LangGraph that simulates a real-world trading firm, deploying specialized agents for fundamental, sentiment, and technical analysis.	
• Implemented a collaborative intelligence system where LLM-powered agents engage structured debate loops to synthesize diverse data sources and formulate robust trading proposals, with a dedicated Risk Management agent to continuously assess portfolio risk against market volatility.	
• Built the full-stack research platform with FastAPI , ChromaDB for vector-based RAG on financial reports, and a React/TypeScript frontend.	

Nudgly (Native Cross-Platform Desktop Accessibility App)	May 2025 – Present
• Developed a high-performance, native desktop application from scratch using C++ , Qt , and CMake to provide real-time, on-screen contextual assistance.	
• Engineered a privacy-first architecture by integrating local vision models (Ollama/LlaMa.cpp) for on-device content interpretation, ensuring no user data leaves the machine.	
• Interfaced directly with native operating system APIs (Win32 and Cocoa/Objective-C) for low-level screen reading and non-intrusive window overlay management.	

Spartan (Post Exploitation Framework)	Nov 2024 – Jan 2025
• Architected an advanced post-exploitation framework in .NET and C++ capable of fully evading modern antivirus (AV) detection .	
• Integrated capabilities for multi-node DDoS attacks, managing distributed attacks from compromised nodes on a Linux -based custom C2 server built from the ground-up.	
• Achieved feature parity with industry-standard tools like Metasploit , demonstrating deep knowledge of system internals and evasion techniques	

SKILLS, COURSE WORK & INTERESTS

- **Skills:** Leadership, Mentorship, Communication, Empathy, Teamwork, Mentorship, Adaptability.
- **Relevant Course Work:** Low Level Programming using C; Computer Organization; Intro to Software Engineering; Discrete Structures.
- **Interests:** Bodybuilding, Music and Film Production, Cricket, Video Editing, Motion FX, Photography.