

# KRISH SANGHVI

[krishksanghvi@gmail.com](mailto:krishksanghvi@gmail.com) | [linkedin.com/in/krishsanghvi](https://www.linkedin.com/in/krishsanghvi) | [github.com/krishsanghvi](https://github.com/krishsanghvi) | 216-598-6415

## EDUCATION

---

### The Ohio State University

May 2025

B.S. in Honors Computer Science and Engineering, Minor in Mathematics

GPA: 3.7/4.0

Coursework: Machine Learning, Data Mining, Computer Vision, Neural Networks, Database Systems, Project Web Apps

Extracurriculars: Python Teaching Assistant, AI Club, OHI/O, Dancer and Treasurer of Raas Dance Team

## TECHNICAL SKILLS

---

**Languages:** Python, Java, Go, TypeScript, SQL, C/C++, C#, Kotlin

**Tools/Platforms:** AWS (Cloud Practitioner), GCP, Docker, Ansible, Linux, Apache, Tomcat, Databricks, Supabase

**Libraries/Frameworks:** React, React Native, Spring Boot, RAG, LangChain, HuggingFace

## EXPERIENCE/PROJECTS

---

### Ohio Supercompute Center (OSC) - Virtual | *AI Chatbot Researcher*

August 2024 - Present

- Built a GraphRAG-based chatbot that streamlines onboarding for 10,000+ OSC users by integrating structured graph data with a local LLM-powered knowledge base derived from custom web scraping
- Authored and presented research on securing LLM-RAG interfaces in HPC systems at PEARC 2025, selected from 200+ submissions and delivered to an audience of 1,000+ professionals.

### CapTech Consulting - Richmond, VA | *Full Stack Consultant Intern*

May 2024 – August 2024

- Created a fully functional airline website allowing customers to book and search for flights using React, Spring Boot, and AWS RDS with MySQL, using 100+ unit tests to ensure reliability and scalability.
- Designed an AWS Bedrock chatbot that automated ~80% of the FAQ about flights, itineraries, and membership details.
- Reduced manual communication outreach by ~95% by implementing AWS Simple Email Service and designing email templates to deliver confirmation, check-in, and flight cancellation emails

### Carnegie Mellon TartanHacks Hackathon - Best Use of AI by Reach Capital

February 2025

- Developed Donna, an AI email secretary that increased user productivity by automating and enhancing professional email communication using agentic workflows
- Pitched the product to Reach Capital, earning the Best Use of AI award among 500+ teams for demonstrating real-world VC viability and technical innovation

### J.P. Morgan Chase Code For Good Hackathon - 1st Place Award

November 2023

- Enhanced Columbus Goodwill Foundation's operations by developing a MERN stack webapp, incorporating secure login, mentorship database, Chatbot, admin dashboard, Twilio notifications, and event analytics to improve overall efficiency.

### MakeOHI/O Hackathon - 2nd Place Award

March 2024

- Improved home security systems by developing NotifI, an AI-powered webapp with facial recognition, real-time alerts, and an emergency Chatbot, offering advanced security features beyond traditional systems.

### Snap-on Business Solutions - Richfield, OH | *Web Systems and IT Support Intern*

Dec 2022 – May 2024

- Increased deployment speed and reliability by contributing to daily automated code and data deployment across multiple servers using Ansible.
- Monitored systems with Opsview, Grafana, and Splunk to ensure performance and enable fast issue resolution.
- Protected data integrity by conducting data cleaning of a 20,000+ dealership database, leading to improved data quality.

### Raas in the 614 Dance Competition - Columbus, OH | *Director*

May 2022 – June 2023

- Expanded event reach and participation by developing and maintaining a competition website and Square ticketing platform, promoting the event to 1000+ individuals.
- Raised \$5,000+ for charity and united 200+ participants by orchestrating the seamless execution of a multifaceted weekend event series in Columbus, Ohio.