

ANKUR DESAI

49032 Freestone Dr.
Northville, MI 48168

591 N. Shaw Ln.
East Shaw Hall Room 131
East Lansing, MI 48825

(248) · 657 · 3805
ardusa05@gmail.com
ardusa.github.io

EDUCATION

Michigan State University

B.S. in Computer Science & Engineering

May 2028

East Lansing, MI

- GPA: 3.735
- Relevant Coursework: Linear Algebra, Discrete Mathematics, Calculus 3

EXPERIENCE

WFS Consulting Group

Web Developer

May 2025 – Present

Plymouth, MI

- Designed and deployed a responsive company website, improving client visibility and online engagement.
- Met with consulting clients to translate business requirements into technical solutions.
- Implemented cross-device compatibility for a smooth user experience.

Target

Customer Service Advocate

June 2024 – Aug 2024

Northville, MI

- Assisted 50+ customers daily with complex inquiries, reinforcing a core principle of Customer Obsession.
- Collaborated with team members to resolve escalated issues, reducing customer wait times during peak hours.
- Developed communication and conflict resolution skills under fast-paced conditions.

PROJECTS

Mira Personal Assistant

Full-Stack Development

May 2025 – Present

- Built a cross-platform desktop application using Node.js and Electron for task automation.
- Developed a RESTful API with FastAPI + SQLAlchemy, enabling storage and retrieval of structured tasks, conversation history, and user profiles.
- Integrated Hugging Face Transformers for NLP, allowing the assistant to classify and respond to user input, and respond to wake words.
- Implemented embeddings + DBScan clustering for user voice tracking intent recognition, and sentiment recognition.
- Utilized LM Studio to train multiple custom language models for improved task understanding and completion.

WizViz (SpartaHack X)

Hackathon Project

February 2025

Devpost Link

- Collaborated with 3 peers to design a computer vision based game using PyGame + OpenCV.
- Won Best Game Award among 300+ participants for creativity and technical execution.

Personal Portfolio Website

Web Development

February 2025 – Present

ardusa.github.io

- Created a personal portfolio website with HTML, CSS, and JavaScript to showcase projects.
- Continuously expand features (e.g., blog, project demos), with 200+ unique monthly visitors.

LEADERSHIP & ACTIVITIES

Eagle Scout - Boy Scouts of America

Leadership

December 2019

- Planned and executed a community service project with 200+ volunteer hours.
- Coordinated logistics, fundraising, and led a 10-person team to successful completion, accumulating 120+ volunteer hours.

Northville Robostangs

Software & Electrical/Pneumatics Captain

- Led a team of 15 students in programming FRC competition robots.
- Implemented vision-based autonomous routines, improving competition performance.
- Coordinated cross-functional integration of software and hardware systems for reliability during matches.
- Mentored junior members in coding best practices and robotics concepts.

2022 - 2024

Northville, MI

Imagine Software Club

Member

- Engaging in software development projects and hackathons.
- Collaborating with peers to create innovative solutions and applications.

2024 - Present

East Lansing, MI

Unmanned Systems

Member

- Collaborating on projects involving drone technology and autonomous systems.
- Competed in the SUAS (Student Unmanned Aerial Systems) competition, showcasing drone capabilities.

2025 - Present

East Lansing, MI

TECHNICAL SKILLS

Languages	Java, Python, JavaScript, HTML/CSS
Frameworks & Tools	React, Node.js, FastAPI, SQLAlchemy
Databases	MySQL
Other	REST APIs, JSON, Git/GitHub