

ANKUR DESAI

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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, Introduction to Programming II

EXPERIENCE

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.

WFS Consulting Group

Web Developer

May 2025 – Present

Plymouth, MI

- Designed a comprehensive mockup using Figma, ensuring alignment with client branding and user experience goals.
- Deployed the website using GoDaddy Hosting Services, improving client visibility and online engagement across all devices.

Target

Customer Service Advocate

June 2024 – Aug 2024

Northville, MI

- Assisted 50+ customers daily with complex inquiries, reinforcing a core principle of Customer Obsession.
- Developed communication and conflict resolution skills under fast-paced conditions.

PROJECTS

Mira Personal Assistant

Full-Stack Development

May 2025 – Present

GitHub Link

- Built a cross-platform desktop application using Node.js and Electron for task automation.
- Implemented embeddings + DBScan clustering for user voice tracking, intent recognition, and sentiment analysis.
- Utilized LM Studio to train multiple custom language models for improved task understanding and completion.
- Frameworks: Node.js, Electron, FastAPI, SQLAlchemy

LEADERSHIP & ACTIVITIES

Unmanned Systems

Member

2025 - Present

East Lansing, MI

- Using OpenCV to develop autonomous routines for drone navigation and object detection.
- Building a simulation environment for testing drone and payload algorithms/behavior.
- Competed in the SUAS (Student Unmanned Aerial Systems) competition, showcasing drone capabilities.

Eagle Scout - Boy Scouts of America

Leadership

December 2019

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

Northville Robostangs

Software & Electrical/Pneumatics Captain

2022 - 2024

Northville, MI

- Led a team of 15 students in programming FRC competition robots.
- Implemented vision-based autonomous routines using Limelights and AprilTags.
- Mentored junior members in coding best practices and WPILib framework.

TECHNICAL SKILLS

Languages Java, Python, JavaScript, HTML/CSS

Frameworks React, Vue, Node.js, FastAPI, SQLAlchemy

Tools MySQL, Git/GitHub