



EDUCATION

Michigan State University

- Bachelor of Science in Computer Science, minoring in Entrepreneurship and Innovation.

Expected Fall 2025

EXPERIENCES AND ACTIVITIES

Co-Founder – RENEW Skincare (Upcoming Startup)

November 2024 – Present

- Building a disruptive skincare brand by partnering with top formulators to create high-performance, minimalist skincare solutions.
- Driving brand strategy and market expansion, leveraging AI-driven personalization and a direct-to-consumer model.
- Executed a scalable business model, securing key partnerships with dermatologists, formulators, and key stakeholders in the industry to position RENEW as a category disruptor.

Innovation Specialist Intern - String Metaverse, Blockchain Gaming & Monetization

June 2024 – August 2024

- Engineered **Telegram mini-game integrations** (Crash, Mines, Dice, Limbo) with **optimized server-side performance**, enhancing user experience.
- Developed backend systems for **seamless real-time transactions** and assisted in integrating **Adsgram monetization**, optimizing ad placements and revenue metrics.
- Gained hands-on experience with **TON blockchain**, focusing on secure transaction models within the gaming ecosystem.

Secretary - Indian Students Organization, Michigan State University

August 2023 – Present

- Key decision-maker in organizational strategy, overseeing official records, meeting minutes, and critical documentation.
- Managed communication across email, WhatsApp, and internal platforms, ensuring seamless coordination among members and stakeholders.
- Played a pivotal role in planning and executing large-scale cultural, social, and educational events, strengthening the student community.

Info Tech Assistant - Division of Engineering Computing Services, MSU

February 2022 - Present

- Provided excellent support to a userbase of over 10,000 people via phone, email, and **internal ticketing system**.
- Assisted with the maintenance and troubleshooting of the Engineering network that services Windows, Mac and Unix-like machines.
- Repaired and installed client and server hardware for both internal and external use.

Developer/Winner - SpartaHack 8, Michigan State University

January 2023

- Engineered an award-winning AR application by integrating Unity, IoT, and Firebase Realtime Database, demonstrating technical mastery and innovation.
- Secured a Top 5 finish and won Best in Entrepreneurship Track, proving the project's market potential and ingenuity.
- Led end-to-end development, troubleshooting, and optimization, delivering a seamless, high-performance user experience.

Cybersecurity Volunteer – Rachakonda Police Commissionerate

June 2021 – Present

- Elevated to a key role in the 'Cyber Yoddha' initiative, actively assisting in community-focused cybersecurity awareness and defense.
- Trained under police cybersecurity experts, gaining hands-on experience in threat mitigation, digital safety strategies, and advanced cybercrime prevention techniques.
- Conducted public outreach and educational initiatives, equipping individuals with the knowledge to protect themselves against evolving cyber threats.

PROJECTS

AgriTech, Mentored under a Computer Science Professor from Brown University

July 2021

- Developed a convolutional neural network-based system to enhance agricultural efficiency through advanced leaf condition analysis.
- Trained AI models on diverse leaf-image datasets, enabling early and accurate diagnosis of crop health issues.
- Demonstrated the capability of deep learning to revolutionize agriculture by implementing precise, AI-driven diagnostic technologies.

COVE (Collaborative Ocean Visualization Environment), University of Washington

April 2022

- Enhanced COVE, a research-focused software tool providing advanced oceanographic visualizations comparable to Google Earth but tailored for scientific use.
- Integrated innovative technologies to significantly improve data displays, including detailed bathymetric mapping and interactive 3D visualization capabilities.
- Conducted experimental methodologies to optimize user experience, ensuring precision and scientific accuracy for strategic oceanographic operations.

EmotiBot – AI-Powered Autonomous Pet Robot (In Development)

February 2025

- Designing a self-navigating robotic pet, powered by advanced LLM intelligence, for seamless real-time interactions and emotional responsiveness.
- The robot integrates object recognition capabilities through sophisticated vision systems, enabling the robot to identify and respond to surroundings.
- Leveraged ChatGPT and related LLM technologies, optimizing autonomous decision-making and conversational abilities for interactive user experiences.

TECHNICAL SKILLS AND ABILITIES

- Python, C++, Assembly, Circuitry, HTML, CSS, Java, MySQL, GitHub, Helpdesk Ticketing.
- Unity for game and application development. Foundational experience with Xcode and Android Studio.
- Expertise in IoT hardware (e.g., Raspberry Pi, Arduino), computer hardware repair, and system security measures.