Aryan Rajguru

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Education

The University of Toledo
B.S. in Computer Science and Engineering Technology Aug 2022 – Present
Relevant Coursework: Object Oriented Programming, Client-Server Computing, Financial Analysis, Client Server Computing, Digital Logic Design, Scientific and Technical Report Writing.

Awards and Certificates

- **Awards:** Dean's List, International Rocket Award Scholarship
- **Certificates:** AWS Solutions Architecture, Introduction to Generative AI, Introduction to Front-End Development, PowerBI

Skills

- **Programming Skills:** Python, Java, JavaScript, HTML, CSS, SQL
- **Technologies and Tools:** Django, AWS, Angular, Flutter, Firebase, Git, Docker, XCode, WordPress, MongoDB
- **Soft Skills:** Teamwork, Collaboration, Adaptability, Communication Skills, Cognitive Thinking, Attention to Detail

Work Experience

Information Technology Assistant May 2024 – Present
University of Toledo | Medical Campus

- Resolved high-priority IT issues, including software malfunctions, network disruptions, and system errors, reducing ticket backlog by 40% in a fast-paced environment at UTMC, the university's hospital.
- Configured and deployed desktops, laptops, and peripherals in line with security and software standards, improving deployment consistency across departments.
- Mapped recurring technical issues using the ticketing system and implemented long-term workflow fixes, reducing escalations by 50% and improving overall response efficiency.
- Epic EMR, Imprivata, VMware, MyChart, WebEx, BitLocker, Microsoft Teams, Cisco Finesse

Project Work

TaskSync Web App April 2024 – Present

- Developing TaskSync, a cross-platform task management app using Flutter that works seamlessly across mobile, desktop, and web. The app integrates with Firebase for real-time task synchronization and reminders, improving productivity for users. The goal is to integrate real-time task synchronization and reminders. I implemented flutter_local_notifications, Firebase and cloud_firestore for efficient cloud sync and notifications. **Flutter, Firebase, VS Code**

Email Classifier App Nov 2024 – Jan 2025

- Built a spam detection web app using Python and the Naïve Bayes algorithm to improve email classification accuracy and efficiency. I optimized data processing with Pandas and NumPy, and deployed the system using Streamlit, achieving 90% accuracy with real-time detection. **Python, Scikit-learn, Streamlit, Pandas, NumPy**

AI Car Robot Model Apr 2024 – May 2024

- Implemented machine learning to develop a robot for autonomous navigation and obstacle detection using pre-built machine learning models. The goal was to create a system that can navigate complex environments autonomously. I integrated OpenCV for object recognition and used TensorFlow to apply machine learning models. The robot achieved a 95% success rate in obstacle detection and navigation. **Python, OpenCV, TensorFlow**

College Activities

- Represented the University of Toledo in Amazon's DeepRacer AI/ML competition, developing reinforcement learning models for autonomous racing as part of the AIML Club.
- Participated in ACM's AI Agents Workshop, designing and testing autonomous decision-making systems through hands-on labs and expert mentorship.