ASHOK GAIRE

Cincinnati Metropolitan Area|(650)430-2634 | ashokg.professional@gmail.com | www.linkedin.com/in/ashok-gaire3

EDUCATION

Northern Kentucky University |Highland Heights, KY   **December 2025**
B.S. in Computer Science, Minor in Data Science and Mathematics   **GPA: 3.62/4.0**

SKILLS

Python | Linux | SQL | R | JavaScript | HTML | CSS | C++ | Object-Oriented Programming concept | Data Structure & Algorithms | Power BI | Excel | Visual Studio | Git | IntelliJ | Troubleshooting | Microsoft Office |

RESEARCH EXPERIENCE

Autonomous AI Agent for Chrome Dino | Python, TensorFlow, CNN, Reinforcement Learning | **Spring 2025 – Present**
- Developing an AI model using Convolutional Neural Networks (CNNs) to detect game elements and make autonomous, real-time decisions.
- Implementing reinforcement learning algorithms to improve the agent's adaptability, optimizing performance based on increasing game difficulty.
- Utilizing OpenCV for image preprocessing and deep learning frameworks like TensorFlow and PyTorch to enhance model accuracy and efficiency.

WORKING EXPERIENCE

Desk Student Support Assistant | NKU   **January 2023 – Present**
- Managed student data operations and system update using SAP, Student Admin, and Navigate, ensuring data accuracy, integrity, and troubleshooting technical issues.
- Provided end-user support for academic systems, assisting students and staff with technical issues, account access, and system navigation.
- Assisted in IT asset management and collaborated with IT teams to enhance system accessibility, security, and usability.

NKU STEM| STEM Peer Mentor |College of Informatics, NKU   **August 2024 – Present**
- Mentor STEM majors by providing academic guidance and resources while leading initiatives to support STEM retention and success, inspiring students through mentorship and campus involvement.
- Collaborate with faculty and peers, leveraging academic achievements and campus involvement to enhance the student experience and foster STEM engagement

PROJECTS

Sales Insights Dashboard | SQL, Power BI, Excel   **Spring 2025**
- Developed a dynamic dashboard analyzing sales performance and regional trends using mock real estate data.
- Extracted and transformed datasets with SQL; used Power BI to create interactive visuals with slicers, drilldowns, and KPIs.
- Delivered actionable insights on pricing patterns, customer preferences, and monthly revenue breakdowns.

IT Support Ticketing System | React, JavaScript, CSS, SQL   **Fall 2024**
- Developed a responsive, browser-based ticketing system using React for dynamic user interface and state management.
- Built interactive forms and dashboards to log, track, and prioritize IT support issues in real-time.
- Utilized SQL database for storing ticket data and implemented full CRUD functionality with filtering to streamline IT workflows.

VOLUNTEER AND CAMPUS ACTIVITIES

COI Ambassador | College of Informatics, NKU | Highland Heights, KY   **August 2024 – Present**
- Mentor prospective and current students on IT, software engineering, and data science pathways, leveraging data-driven insights to improve student outreach.
- Organize and lead tech-focused recruitment events, campus tours, and networking sessions, enhancing engagement with industry professionals and computing faculty.