Ashna Ali

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Linkedin: www.linkedin.com/in/ashna-ali ● Portfolio Website: https://my-portfolio-pi-ashy-83.vercel.app/

EDUCATION

University of Missouri-Kansas City, MO	**December 2024**
Master of Science in Computer Science	GPA 3.54
Data Science Emphasis	

Bachelor of Science in Computer Science	**May 2023**
	University Honors, GPA 3.25

SKILLS

Computer Skills:
- **Tools:** AWS, MongoDB, GitHub, Microsoft Teams/Office, Visual Studio Code, TensorFlow, PyTorch, MySQL, Docker, Flask, NodeJS, NextJS, Express, Redux, Microsoft SQL, Java Swing
- **Languages:** Java, Python, C++, C#, ReactJS, SQL, JavaScript
- **Technical Skills:** Troubleshooting, Agile Development, Data Preprocessing

Soft Skills: Problem Solving, Project Management, Adaptability, Team Leadership

PROJECTS

AI Powered Diabetes Health Coach App   **August 2024-December 2024**
- Developed and led the implementation of an AI-driven diabetes prediction system using gender-specific XGBoost models, achieving 85%-90% accuracy by tailoring diagnostic algorithms to user demographics, lifestyle, and biometric data.

Healthcare Data Encryption Application   **June 2024-July 2024**
- Developed a web application demonstrating a hybrid solution combing AES, ECC, and post-quantum cryptography for healthcare data storage

CloudBuilder   **January 2024-May 2024**
- Built a web application that deploys any ReactJS application from Github to the cloud, earning first place in a class competition

Deep Learning Course Final Project   **January 2024-May 2024**
- Developed custom CNN models for image classification, experimenting with datasets like CIFAR-10 and Tiny ImageNet

Graduate Teaching Assistant Job Board   **January 2023-May 2023**
- Created a Graduate Teaching Assistant application portal with separate student and administrator views

Billing Management Application   **January 2023-May 2023**
- Developed a desktop application to simulate billing management at an energy company

EXPERIENCE

Missouri Institute of Defense and Energy - UMKC   Kansas City, MO
Graduate Student Research Assistant   **May 2023-August 2023**
- Conducted research on machine learning models, primarily in image classification and

segmentation

Oracle Cerner Corporation (Oracle Health)   Kansas City, MO
Technical Apprentice   **May 2019-Nov 2021**
- Learned and applied web development skills to an application to track patient symptoms within the Integrated Charting team.

Cerner Scholar   Kansas City, MO
                                                                              Apr 2019-May 2019
- Collaborated with the Clinical Center Development team and gained experience in test automation.