Tassnim Kousar Shaik

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EDUCATION

University of Cincinnati — **Aug 2023 — Dec 2024**
Master of Science in Information Technology | GPA: 3.9/4.0 — *Cincinnati, Ohio*

Prasad V Potluri Siddhartha Institute of Technology — **June 2018 — May 2022**
Bachelor of Technology in Computer Science and Engineering | GPA: 8.77/10 — *Vijayawada, India*

PROGRAMMING SKILLS

- **Languages**: C, Java, HTML/CSS, Python
- **Developer Tools**: Postman, Jedox
- **IT Constructs**: Data Structures and Algorithms, SQL

EXPERIENCE

University of Cincinnati — **Jan 2024 — Present**
Graduate Teaching Assistant — *Cincinnati, OH*

- Assisted in delivering Cloud Computing courses by providing support in lectures, grading, and offering practical insights to enhance the learning experience. Contributed to creating a comprehensive educational environment for students studying Cloud Computing.
- Contributed to grading projects and assignments in Cloud Computing and Java programming, ensuring accurate assessment of student's work.
- Provided detailed feedback to help students acknowledge their strengths and pinpoint areas for improvement, fostering a constructive learning environment. Offered comprehensive guidance for students to understand their strengths and areas needing enhancement, facilitating targeted academic growth.
- Collaborated with students to create instructions for tests, obtain feedback, review results, and offer suggestions for improving user interfaces based on usability results.

University of Cincinnati — **Aug 2023 — Dec 2023**
Graduate Teaching Assistant — *Cincinnati, OH*

- Helped in teaching courses relating to Computer Programming and Implications of IT and gave support to students in grasping essential ideas and theories in Java Programming.
- Helped with the grading of projects and assignments pertaining to Java computer programming.
- Gave comprehensive feedback to assist students in recognizing their strengths and identifying areas where they can improve.
- Worked together with students to devise test scenarios, collect feedback, and examine results, providing advice on enhancing user interfaces based on insights from usability tests.

Hexaware Technologies — **Feb 2022 — June 2023**
Associate Software Engineer - Java Development — *Chennai, India*

- Development and maintenance of Jedox, an EPM solution for financial planning, analysis and reporting.
- Supervising the maintenance of the Concur CSS application and orchestrating the shift towards ERP integration for improved operational efficiency. Managing the Concur CSS application's upkeep and facilitating a seamless transition to the ERP system in alignment with organizational objectives.
- Engaged productively in a dynamic team setting, fostering transparent communication, sharing knowledge, and actively contributing to the project's success with technical expertise and collaborative teamwork.

PROJECTS

Analysis of Different AI Based Intrusion Detection Techniques: In this project, we use Machine Learning and Deep Learning algorithms using entire NSLKDD dataset to detect attacks in a system or network. We study the performance of the model using Binary classification to compare the performances of traditional machine learning methods including Random Forest (RF) and Support Vector Machine (SVM), deep learning method Long Short-Term Memory (LSTM).

Security System based on IoT :An IOT based home/office security system using Nodemcu Wifi module, PIR Sensor, Infrared Sensor, and Blynk application. Each time an Intruder is detected, a notification message is sent to the Blynk application.

Photography Portfolio :Developed a Photography portfolio using HTML, CSS and JavaScript.

CERTIFICATIONS

- **Az-204**- Developing Solutions for Microsoft Azure MCID: 994585262
- **Python For Everybody** - Coursera
- **Az-900**- Microsoft Azure Fundamentals MCID: 994585262
- **Certificate Of Appreciation**- International Graduate Research Symposium