

JAHNAVI MEESALA

☎ 810-610-0633

✉ meesalajahnavi7@gmail.com

🌐 <https://www.linkedin.com/in/jahnavimeesala/>

EDUCATION

University of Cincinnati

Master of Science in Information Technology | GPA: 3.9/4.0

Aug 2023 — Dec 2024

Cincinnati, Ohio

Malla Reddy Engineering College for Women

Bachelor of Technology in Information Technology | GPA: 8.58/10

July 2018 — July 2022

Hyderabad, India

PROGRAMMING SKILLS

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

EXPERIENCE

University of Cincinnati

Graduate Teaching Assistant

Jan 2024 — Present

Cincinnati, OH

- Assisted in teaching courses related to Human-Computer Interaction and Usability and provided support to students in understanding key concepts and theories in HCI.
- Assisted in grading assignments and projects related to HCI and usability.
- Provided detailed feedback to help students understand strengths and areas for improvement.

University of Cincinnati

Graduate Teaching Assistant

Aug 2023 — Dec 2023

Cincinnati, OH

- Engaged as a Teaching Assistant for undergraduate courses such as Computer Programming, Contemporary Programming, and Fundamentals of Web Development.
- Provided mentoring and support to students by grading assignments, addressing queries, and guiding problem-solving methodologies, fostering an environment conducive to effective learning.
- Organized and conducted review sessions, assisting students in understanding complex programming concepts and reinforcing practical application.

Harman Connected Services

Associative Engineer - Product Development

March 2022 — June 2023

Bangalore, India

- Collaborated with development teams to design algorithms and create flowcharts, ensuring seamless execution of project specifications.
- Played a pivotal role in developing and maintaining employee databases using CRUD operations, ensuring the seamless and optimized management of critical data.
- Actively contributed to a Docker-based project, providing crucial support in the design and implementation of scalable and efficient code solutions.
- Collaborated effectively within a dynamic team environment, promoting open communication and knowledge sharing, and actively contributing to the project's success through technical skills and teamwork.

PROJECTS

Machine Learning-Based Graduate Admission Forecast: Developed a predictive system utilizing machine learning algorithms and Python, employing linear regression techniques. Implemented four regression models, with a focus on highly accurate linear regression using dimension reduction. Assisted numerous students in determining suitable graduate programs in the US based on IELTS and GRE scores.

Blood Donation System Using Python-Flask: Designed an application to manage comprehensive information about available blood and locations, simplifying the process of accessing blood for those in need.

Crowd Counting Method Based on CNN: Engineered a robust CNN model for people detection, tracking, and distance estimation, emphasizing social distancing.

CERTIFICATIONS

- **Machine Learning -Based Graduate Admission Forecast Research Paper Publication** - International Journal of Research
- **Computer Programming-** Cisco Networking Academy
- **CyberSecurity-** Cisco Networking Academy
- **Rural development project-** Smart India Hackathon
- **Certificate Of Academic Excellence-** University Of Cincinnati
- **Certificate Of Appreciation-** International Graduate Research Symposium