DURGA VENKATA KASHYAP MUNUKUTLA

2424, West Harrison Street, Unit A, Chicago, IL 60612

+1 (312) 536-9678 | dmunuk2@uic.edu | https://www.linkedin.com/in/kashyap-munukutla/

SUMMARY

Graduate student in computer science, polyglot, and avid learner with excellent ability to develop software solutions for challenging real-world problems using data and digital technologies.

EDUCATION

University of Illinois at Chicago (UIC), College of Engineering   Chicago, IL, USA
Master of Science (MS) in Computer Science   Aug 2023 – May 2025 (Anticipated)
GPA: 3.7/4.0 (end of first semester).

GITAM University   Hyderabad, India
Bachelor of Technology (B.Tech), Computer Science and Engineering   May 2023
GPA: 8.2/10.
Activities: Cofounder and coordinator, Anime and Manga Club.

TECHNICAL SKILLS

Languages: C, C++, Java, Python, Kotlin.

Databases: SQL, NoSQL.

Web Technologies: JavaScript, Node.js, React.js, Django, WordPress.

Artificial Intelligence (AI), Machine Learning (ML), Data Science, Computer Vision: Python/ scikit-learn, Keras, TensorFlow, statsmodels, MediaPipe, OpenCV, Zerotier.

Bigdata: Hadoop/ HDFS, MapReduce, YARN, HBase, Hive, Pig, Spark, PySpark**Data Visualization**: Tableau, Power BI.

INTERNSHIP

Redfrox Info Solutions   Hyderabad, India
Software developer intern   May – June 2022

- Worked on a module for a *"Mobile Training Support Application for Small Farmers"* which consisted of recognizing speech using Natural Language Processing (NLP) and images using Deep Learning.

PROJECTS

- **Pose estimation:** Developed a computer vision application using OpenCV and MediaPipe to analyze an object by tracking its movement and recognizing facial expressions.

- **Motion-based controller system for a humanoid robot**: Trained a portable robot to recognize human body landmarks and facial movements using OpenCV, MediaPipe, and Zerotier.

- **Discord Bot**: Developed a bot using JavaScript that plays music of the user's choice whenever a voice call is connected on Discord.

- **Spotify Music Popularity Prediction**: Trained machine learning models to predict the likely popularity of a music track based on its features before it is released.

- **2024 India's General Election Results Prediction:** Public datasets from the 2014 and 2019 elections were used to train neural networks and deep learning models to forecast the likely outcome of India's general elections in 2024.

- **Life Expectancy Prediction Post Retirement:** Developed machine learning models to predict a person's post-retirement life expectancy based on medical history and socioeconomic background.

CERTIFICATIONS

- Completed 29 certifications covering a wide range of topics in core computer science including data structures, algorithms, operating systems, software development, database management systems, computer networking, AI, ML, Deep learning, Cloud computing, IoT, and Bigdata.

- Currently preparing for certifications in AWS cloud and Microsoft Azure data and AI fundamentals.

SOFT SKILLS

- Analytical and problem-solving skills.
- Critical thinking.
- Excellent communication skills.
- Ability to collaborate and work in teams.
- Adaptability to multi-cultural environment.

CO-CURRICULAR ACTIVITIES

- Artist (Instagram @thrasher arts_).
- Political analyst.
- National Service Scheme (NSS) volunteer at school.
- Badminton player.
- Antiques collector.