

UJWAL KANDI

ujwal.kandi@utexas.edu • ujjwalkandi.in • linkedin.com/in/ujwalkandi • (737) 326-8598 • Austin, Texas

EDUCATION

- University of Texas at Austin** - Master of Science, Information Technology & Management May 2024
- Coursework Includes: Business Data Science, Data Management, Big Data & Distributed Programming, Unstructured Data Analytics, Data Product Lifecycle Management, Strategic Change & IT Management
- KL University** - Bachelor of Technology, Computer Engineering | Spec. in Data Analytics May 2020

TECHNICAL SKILLS

Languages: Python, SQL, HTML/CSS, R, Git, XML
Libraries: Flask, NumPy, pandas, Matplotlib, Seaborn, Plotly, Beautiful Soup, Scikit-Learn, GeoPandas, Folium, TensorFlow/Keras
Big Data Tools: AWS, PySpark, MongoDB, MapReduce, Hadoop, Kafka, Redshift, Docker, Tableau, Excel, Apache Airflow, Power BI

EXPERIENCE

- Stronghold Investment Management – IT Capstone project**, Austin, TX Dec 2024 - Present
- Developing a document intelligence system for Stronghold, utilizing Azure AI Studio for OCR and LLM models, to streamline document analysis, enhance ownership verification processes, and optimize asset trading efficiency
- Epsilon – Data Programmer I**, Bengaluru, India Aug 2021 - Jul 2023
- Managed data ingestion processes within the Epsilon ecosystem, collaborating with clients to address their requirements effectively using tools such as AWS, Matillion ETL, ServiceNow, Kibana, SnapLogic, etc.
 - Supervised production servers/pipelines of 16+ clients (Unilever, Marriott, BofA, Disney) while assisting with Data Engineering
 - Handled client's first-party raw data and automated 50+ ETL batch jobs to create a production-like test environment, significantly improving testing outcomes by utilizing the most recent data
- Production Support Engineer**
- Performed data quality tasks and emergency fixes when detected, leading to a customer satisfaction rate of 93%, primarily due to short-notice rapid troubleshooting and hotfixes
 - Achieved 89% performance improvement by optimizing the long-running batch jobs in coordination with the Technical Lead

RELEVANT PROJECTS

- Desi Dine Scores | Yelp Reviews Recommendation System** Dec 2023
- Engineered a recommender system using custom scraper, and sentiment analysis (NLTK) for data-driven menu optimization
 - Led culinary consulting team to optimize menu/service in restaurants through actionable insights, enhancing business operations
- Customer Characterization & Profiling using Agglomerative Hierarchical Clustering** Sep 2023
- Conducted comprehensive analysis of client habits, demographics, and marketing responses with different clustering techniques
 - Opted for Agglomerative Hierarchical Clustering over KMeans, gaining deeper insights into distinctive customer segments
- Dashboard on Drug Cartels' Activity across Mexico** May 2023
- Extracted data from news archives on drug trafficking activities of 10 cartels spanning over 20 years and visualized using Tableau
 - Analyzed shifts in the territory of each group across the 32 federal entities and their impact on each state over the years

LEADERSHIP & ACHIEVEMENTS

- MSITM Campus Ambassador – Texas McCombs School of Business**, UT Austin Aug 2023 - Present
- Demonstrated strong communication, leadership, and interpersonal skills by serving as a Student Ambassador, providing guidance to prospective students, and fostering connections within the Texas McCombs community
- Dover Fueling Solutions Hackathon'24 – Annual Hackathon**, Dover Fueling Solutions Feb 2024
- Won first place at the Dover Fueling Solutions' annual hackathon held at their headquarters, leading the smallest team to victory by leveraging LLM models and Edge Computing to develop a conversational AI model
- HACKSciCom2022 – Annual Hackathon**, MIT Hacking Medicine May 2022
- Finalist in the prestigious annual hackathon co-hosted by MIT and Roche; built data pipelines with a globally distributed team
- University Innovation Fellows – International Fellowship Program**, Stanford d.school Jan 2018 - Dec 2020
- One of two students selected for the program in college by Stanford's d.school and conducted workshops/sprints on Design Thinking, Rapid Prototyping, Moonshot Thinking & other problem-solving frameworks reaching over 1000+ university students
 - Developed Peer Mentoring and Technical Clubs which were eventually integrated with a weightage of 20% in the academics
 - Received a scholarship to attend the Silicon Valley Meetup, an annual event known for its experimental workshops and immersive learning activities held at Stanford, Google & Microsoft HQ