

# UJWAL KANDI

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## 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, MySQL, HTML/CSS, R, XML, Solidity

**Libraries:** Flask, NumPy, pandas, Matplotlib, Seaborn, Plotly, Beautiful Soup, Scikit-Learn, GeoPandas, Folium

**Big Data Tools:** MapReduce, PySpark, Hadoop, Kafka, Amazon Redshift

**Software & Tools:** AWS, Git, MongoDB, Tableau, Excel, GitHub, DbVisualizer, Power BI, Jira, TensorFlow, LaTeX

## EXPERIENCE

**Stronghold Investment Management** – *IT Capstone project*, Austin, TX

Dec 2024 - Present

- Developing a document intelligence system for Stronghold, utilizing Azure AI Vision for OCR and LLM models, to streamline document analysis, enhance ownership verification, and optimize asset trading efficiency for the Capstone project

**Epsilon** – *Data Programmer I/Production Support Engineer*, Bengaluru, India

Aug 2021 - Jul 2023

- Managed data coming into the Epsilon ecosystem and actively engaged in weekly client meetings to address their requirements
- Supervised production servers/pipelines of over 16 clients (Unilever, Marriott, BofA, Disney) while assisting with Data Engineering
- Handled client's first-party raw data using Epsilon's ecosystem along with AWS, Matillion ETL, ServiceNow, Kibana, SnapLogic, etc.
- 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 onshore Technology Lead

## PROJECTS

**Desi Dine Scores | Yelp Reviews Recommendation System**

Aug 2023 - Dec 2023

- Engineered advanced recommender system using custom scraping and sentiment analysis for data-driven menu optimization
- Led a team for culinary consulting to deliver actionable insights for optimizing the restaurant's menu and service in Austin

**Customer Characterization & Profiling using Agglomerative Hierarchical Clustering**

Aug 2023 - Dec 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

## LEADERSHIP ACTIVITIES

**MSITM Campus Ambassador** – *Texas McCombs School of Business*, UT Austin

Aug 2023 - Present

- Serving as a Student Ambassador for the MS in IT & Management program at Texas McCombs, providing valuable insights into program life, job searches, and overall experiences to prospective students and fostering connections within the 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