

UJWAL KANDI

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EDUCATION

The University of Texas at Austin

May 2024

Master of Science, Information Technology & Management

Coursework Includes: Advanced Programming & App Development, Data Management, Unstructured Data Analytics, Business Data Science, Big Data & Distributed Programming, Data Product Lifecycle Management, Strategic Change & IT Management

KL University

May 2020

Bachelor of Technology, Computer Engineering | Spec. in Data Analytics

CGPA: 8.49/10.0

TECHNICAL SKILLS

Languages: Python, SQL, HTML/CSS, Flask, R, XML

Libraries: NumPy, pandas, Matplotlib, Seaborn, Plotly, BeautifulSoup, GeoPandas, Folium, Flask

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

EXPERIENCE

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

August 2021 - July 2023

- Managed data coming into the Epsilon ecosystem, and participated in client meetings to discuss the initial requirements
- Supervised production servers/pipelines of over 16 clients (Unilever, Marriott, BoA, 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

Swecha – Summer Intern, Guntur, AP

March 2018 - May 2018

- Implemented Optical Character Recognition (OCR) algorithms in MATLAB as part of the Note-Making project
- Mapped 80% of a village on OpenStreetMap, an open-source alternative to Google Maps, from the data collected through local surveys done by the team

PROJECTS

EnDe-K | Encrypting File System for Distributed Databases

October 2022 - December 2022

- Designed an Encrypting File System (EFS) in Python to store the cipher keys employing a modular key framework; reduced the overall file processing and encryption time by 80%
- Applied modular key-based scheme where the file-encrypting key (FEK) is split in 2 and placed across locations

Dashboard on Drug Cartels' Activity

August 2021 - September 2021

- Extracted data using Pandas from online news archives on 10 cartels' drug traffic activity spanning over 20 years across Mexico
- Analyzed shifts in the territory of each group across 32 federal entities and the impact on each state over the years on Tableau

LEADERSHIP

University Innovation Fellows – International Fellowship Program, Stanford d.school

January 2018 - December 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

THRUSANG'20 – Core Student Lead, KL University

January 2020 - March 2020

- Led a group of 20 editors/organizers/volunteers as head of the Design & Broadcasting team for the annual college fest
- Organized technical workshops & soft-skills training sessions, participated by over 800+ students from nearby schools

ADDITIONAL INFORMATION

MIT Hacking Medicine HACKSciCom2022: Contributed in the prestigious annual hackathon organized by MIT and Roche

Work Eligibility: Eligible to work in the U.S. due to S.T.E.M. certification; will require visa sponsorship for long-term employment