Ujwal Kandi

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Education

KL University   **2016 − 2020**
Bachelor of Technology in Computer Engineering | Spec. in Data Analytics   *Vijayawada, AP*
CGPA: 8.49/10.0

Experience

Epsilon   **Aug 2021 − Jun 2023**
Data Programmer 1 / Production Support Engineer   *Bengaluru, KA*
- Responsible for monitoring the production servers of over 14 customers while assisting with Data Engineering tasks.
- Work as part of the TechOps team, which acts as production support and liaison between our internal client-facing team and Engineering. Handle data entering the Epsilon ecosystem, transfer between products, and perform file cleanup.
- Manage client's first-party raw data using Epsilon's ecosystem (CRM, email, and loyalty programs) and with tools like AWS (Redshift, S3, EMR, Workspaces), Matillion ETL, ServiceNow, Kibana, DbVisualizer, SnapLogic, etc.
- Perform Data Quality tasks and emergency fixes when detected, leading to a customer satisfaction rate of 93%, largely due to short-notice rapid service.

Swecha   **Mar 2017 − May 2017**
Summer Intern   *Guntur, AP*
- 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.

Projects

EnDe-K | *Python, VS Code*   **November 2021**
- Built an Encrypting File System (EFS) that stores the cipher keys employing the Modular Key framework.
- Applied modular key-based scheme where the file-encrypting key FEK is split and placed across multiple locations.

Dashboard on Drug Cartels' Activity across Mexico | *Python, Pandas, Excel, Tableau*   **August 2020**
- Extracted data from online news archives on 10 cartels' drug traffic activity spanning over 20 years.
- Analyzed shifts in territory of each group across 32 federal entities and their impact on each state over the years.

Real-Time Face Recognition with Raspberry pi 3 | *Python, OpenCV, NumPy, Raspberry Pi 3*   **February 2020**
- Developed model using OpenCV, Numpy, Dlib libraries and implemented it over Raspberry Pi 3.
- Provides real-time confidence score of the faces identified.

Leadership

University Innovation Fellows   **2018 − 2020**
International Fellowship Program   *Stanford d.school*
- Conducted numerous workshops/sprints on Design Thinking, Rapid Prototyping, Moonshot Thinking & other problem-solving frameworks reaching over 1000+ university students and corporate employees.
- Developed programs like Peer Mentoring, Inspire Hours, and Technical Clubs that improved the growth mindset and eventually enhanced the learning/productivity levels of students by 20%.
- Received scholarship to attend the Silicon Valley Meetup, an annual event that is a blend of experimental workshops and immersive learning activities held at Stanford & Google HQ.

THRUSANG'20   **Spring 2020**
Core Student Lead   *KL University*
- 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.

Technical Skills

Languages: Python, SQL, Java, C, HTML/CSS, JavaScript, Bash, MATLAB, R, XML
Libraries: NumPy, pandas, Matplotlib, Seaborn, Plotly, Beautiful Soup, GeoPandas, Folium
Software & Tools: VS Code, Git, Linux, Tableau, Excel, GitHub, Power BI, Jira, LaTeX

Achievements

- 2018   International   University Innovation Fellows Program
- 2017   Dept. Topper   Certificate of Merit