ANGELINA TELIDEVARA

atelidev@asu.edu | +1(623)-476-6075 | LINKEDIN

SUMMARY

Master's student at Arizona State University specializing in Information Technology, focusing on optimizing ETL workflows and deploying advanced algorithms including clustering and predictive modeling for data processing. Proficient in Python and SQL, along with data visualization tools (Tableau, Power BI), to facilitate data-driven decision-making.

EDUCATION

Master's in Information Technology Project Management   **Jan 2023 - Dec 2024**
Arizona State University, Tempe,Arizona   *GPA : 4*

Bachelor's in Computer Science and Engineering   **Aug 2018 -Dec 2022**
Vidya Jyothi Institute of Technology, Hyderabad,India   *GPA : 3.8*

TECHNICAL SKILLS

Programming: C++, Python, JavaScript, Java, Oracle, TypeScript, C, C#

Web Development: HTML, CSS3, ReactJs, Nodejs, Angular,XML/WordPress, Flutter

Databases: : MySQL, MS SQL Server, Oracle SQL, RDBMS, PostgreSQL, Snowflake, JDBC

Cloud Technologies: AWS Cloud(S3, RDS, EC2, ECS, Lambda, API Gateway.etc), GCP, Docker

Data Analytics Tools: Tableau, Excel, Power BI, HubSpot CRM, Databricks, Jupyter Notebook, Apache Spark

Machine Learning: Exploratory Data Analysis (EDA) TensorFlow, Keras, Scikit-learn, CNN, Predictive Modeling, Data Mining

Software Tools: Adobe Suite, GitHub, GitLab, JIRA, Agile/Scrum, Postman, Jenkins

WORK EXPERIENCE

Data Engineer (Capstone) | Honeywell   **August'24 - Ongoing**
- Processed and cleaned over 1 million data points using Python and SQL, improving data quality by 15% by Utilizing Python, SQL. Applying clustering techniques (K-Means, DBSCAN, Hierarchical Clustering) and frequent itemset mining
- Analyze and visualize results using Power BI to deliver actionable insights that inform business decisions
- Design predictive models, automate data processing workflows using Databricks, and generate detailed analytical reports

Enterprise Data Governance and Analytics Intern | Legend Biotech   **June'24 - Aug'24**
- Optimized SQL queries, reducing data retrieval time by 40%, enhancing performance across 10+ business-critical workflows
- Maintained Power BI dashboards to evaluate the efficacy of Data Governance initiatives through advanced analytics and KPIs.
- Leveraged Data Quality Tools (IBM Databand, Collibra) for data validation and cleansing, ensuring adherence to compliance standards within the Data Governance framework

Graduate Teaching Assistant | Arizona State University   **July'23 - May'24**
- Taught advanced data analytics to 50+ graduate students, integrating ETL processes for data transformation for data collection, cleansing, transformation, and visualization
- Ensure that security policies align with relevant laws and industry standards such as GDPR, HIPAA, PCI DSS, ISO 27001, etc.
- Create and maintain comprehensive technical documentation

Data Analyst Intern | Right Angle Solutions. Inc | India   **Aug'21 - Jan'22**
- Collected data from various sources, such as Databases and APIs, and cleaned the data using Python and data analytics tools.
- By analyzing large datasets using statistical and data analysis techniques such as correlation analysis I have identified trends, patterns, and correlations
- Created visual representations of data, such as charts, graphs, and dashboards, in tableau and used salesforce.

PROJECTS

Building a Predictive and Summarizing Model   **Aug'23- Dec'23**
- ∗ Processed datasets for 50+ high schools in Maricopa County, improving accuracy in predictions by 10%
- ∗ Employed advanced data cleansing and preprocessing techniques, including eduplication, inconsistency resolution, and error correction, utilizing algorithms for validation, standardization, and normalization
- ∗ Produced a refined dataset, optimized for EDA, and transformed into a summarization model for enhanced insights

Data Exploration into Movie Dynamics   **Aug'23 - Dec'23**
- ∗ Generated insights from 100,000+ movie records, designing dynamic visualizations that resulted in a 15% increase in engagement
- ∗ Incorporating Python, SQL, and various data visualization tools to generate dynamic visualizations and predictive models
- ∗ Executed comprehensive exploratory data analysis (EDA) using statistical techniques like correlation analysis.

Sign Language to Speech Recognition using Data Analytics and Machine Learning   **Nov'21 - March'22**
- ∗ Utilized TensorFlow and scikit-learn along with architectures like CNNs to build machine learning models for sign recognition
- ∗ Trained the model using Jupyter notebooks in the Anaconda environment and evaluated the system's performance using metrics like accuracy, precision, recall, and F1-score

Emotion Classification Using Machine Learning and Data Analytics   **May'21 - Aug'21**
- Effectively utilized CNN for training and testing, proposing a model using OpenCV with 98 %accuracy
- Leveraged VGG16, Keras, Python, and Jupyter Notebook for classification and implemented it through a UML diagram
- Achieved 98% model accuracy using CNN for emotion detection, improving recognition speed by 20%

ACHIEVEMENTS

Google Project Management: "Foundations of Project Management" by Coursera   **Aug 2022**
Programming Essentials in Python, CISCO   **April 2020**
Programming Essentials in Networking" by CISCO   **Dec 2018**