

VASAVI KRISHNA CHINTAMANENI

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CAREER SUMMARY

Business/Data Analyst with 3 years of experience translating complex data into strategic insights using Excel, SQL, Power BI, and Python. Strong background in stakeholder-focused reporting, data storytelling, and machine learning. Delivered actionable recommendations during an AI analytics internship by analyzing and enhancing learner engagement data and presenting insights through a prototype solution.

EDUCATION

Central Michigan University

Master of Science in Computer Science - GPA 4.0

Jan 2023 – May 2024

Mt. Pleasant, Michigan

Malla Reddy Institute Of Technology

Bachelor of Technology in Computer Science - GPA 4.0

Aug 2017 – June 2021

Hyderabad, India

TECHNICAL SKILLS

Languages and Libraries: Python(Pandas, Numpy, Matplotlib), Java, C.

Databases: MySQL, PostgreSQL.

Visualization: Power BI, Tableau.

Data Tools: Excel (Advanced), Power Query, DAX, Jupyter Notebook, Google Colab, Apache Beam, Google Dataflow, Git.

Analytical and Business Skills: Data Analysis, Business Analysis, Statistical Analysis, Data Storytelling, Feature Engineering.

Methodologies and Frameworks: Agile, Scrum.

Domain Expertise: Customer Acquisition, Medical Image Analysis, Computer Vision.

WORK EXPERIENCE/ACADEMIC PROJECTS

Excelerate. (Remote)

AI Data Analyst Intern

March 2025 – April 2025

Dubai, UAE

- Cleaned and engineered features from learner signup data to address missing values and improve model readiness.
- Analyzed engagement trends and visualized key insights using Python libraries (Pandas, Matplotlib, Seaborn).
- Built machine learning models to predict student disengagement and churn, enabling proactive retention strategies.
- Delivered a comprehensive report and recommendation prototype, presenting findings to stakeholders.

Delta Air Lines

Data Analyst Intern

September 2024 – February 2025

Atlanta, GA

- Developed forecasting tools for inclement weather scenarios using Python (backend) and Power BI (frontend), enabling proactive staffing and equipment planning.
- Built and automated ETL pipelines using Apache Beam and Google Dataflow to process 10M+ daily records from flight, booking, and staffing systems.
- Created Power BI dashboards and Python-based scorecards to track employee performance and operational KPIs; one scorecard was adopted systemwide for all domestic stations.
- Automated manual reports using Python, saving over 40 hours per month in reporting efforts.
- Led the team's transition from SAS/Excel to Python and Power BI, increasing efficiency and analytical flexibility.

College Of Science and Engineering

Peer Assistant

May 2023 – May 2024

Central Michigan University, MI

- Evaluated and graded undergraduate assignments and exams in Python, Java, C, and Digital Logic Design.
- Assisted faculty and students with in-class programming exercises and assignments and concept clarification during lectures.
- Provided one-on-one support to students, reinforcing foundational coding and debugging techniques.
- Assisted students with data analysis tasks and academic projects involving Python and Excel.

Accenture Solutions Pvt Ltd

Data Analyst Associate

July 2021 – December 2022

Hyderabad, India

- Automated critical data quality reports using Python and SQL, enabling faster insights into key business metrics for client stakeholders.

- Built interactive Power BI dashboards to support data governance strategy, integrating with AWS Redshift and Collibra Catalog.
- Designed SQL-based data validation processes in CloudBeaver, increasing KPI reporting accuracy by reverse-engineering calculations.

CERTIFICATIONS

Microsoft Certified: Data Analyst Associate (PL-300).

AI Data Analyst Internship Certificate – Excelerate.

IBM Data Analyst Professional Certificate - Coursera.

*Data Analytics and Visualization Job Simulation – **Accenture North America** (Forage).*

*Software Engineering Job Simulation – **Accenture Nordics** (Forage).*

AWARDS & ACHIEVEMENTS

2024 2nd International Conference on Artificial Intelligence, Blockchain, and Internet of Things (AIBThings) September 2024

- Published a research paper titled "**Hybrid Deep Learning/Machine Learning Model for Retinal Diseases Classifications Using OCT Images**" in **IEEE Xplore**: DOI: **10.1109/AIBThings63359.2024.10863314**.
- Leveraged DenseNet architectures for **feature extraction**, achieving a classification **F1-score of 0.60**.
- Implemented Bayesian optimization for **hyperparameter tuning of an SVM classifier**, improving classification accuracy (**Precision: 0.87, Recall: 0.87, F1 Score: 0.87**).
- Secured **Runner-Up in Web Development** at TechFest2019 held by the Department of Computer Science during my Bachelor's.
- Hosted and organized post-COVID wellness initiatives at Central Michigan University, focusing on women's empowerment.
- Enthusiastic singer at university cultural events.