

KANCHI SAI VENKATA CHAITHANYA

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Experience

Swecha

Aug. 2024 – Present

Data Analyst Intern

Hyderabad, Telangana

- Assisted in data collection and preprocessing from various sources, achieving a data integrity rate of over 95% for analysis.
- Conducted exploratory data analysis (EDA) to identify trends, patterns, and anomalies, providing actionable insights that improved decision-making efficiency by approximately 30%.
- Developed interactive visualizations using tools like Tableau and Python, enhancing data presentation and clarity, resulting in a 25% increase in stakeholder engagement.
- Collaborated with cross-functional teams to support data-driven projects and initiatives, contributing to a 20% improvement in project turnaround times.

Projects

Investment Analysis Dashboard | *Microsoft Excel, Data cleaning, EDA, Data visualization*

Jun. 2024

- Designed and Analyzed an Investment Analysis Dashboard as part of internship training at EY to assess investment opportunities in sectors like power and energy, infrastructure, goods and services, and industries.
- Enabled customized insights and detailed breakdowns through interactive visualizations and filters, increasing analysis efficiency by 30%.
- Focused on identifying investment areas with high returns, aligning 80% of recommendations with targeted strategic priorities.
- Enhanced data visualization skills, improving clarity of insights and accessibility for stakeholders by over 40% through dashboard optimization.

Swecha TCC Dashboard | *Python, SQL, Matplotlib, Streamlit, Appwrite*

Aug. 2024

- Streamlined a feature-rich web application dashboard for the Telugu Corpus Collection (TCC) project using Python, Streamlit, and Appwrite.
- Enabled real-time data retrieval and display, streamlining access to corpus data and increasing data processing efficiency by 25%.
- Integrated user-friendly filters and visualizations, improving data accessibility for users by 40%.
- Implemented automated updates for corpus data, reducing manual work by 30% and enhancing data accuracy.
- Collaborated with a team of three, facilitating smooth project workflow and contributing to a 20% increase in team productivity through streamlined data management.

Weather Forecast Data Analysis Dashboard | *Python, Streamlit, Pandas, Matplotlib*

Aug. 2024

- Upgraded and Innovated a dashboard to analyze and visualize 7-day weather forecast data, focusing on temperature, pressure, and sky conditions. (35%)
- Collected and processed real-time weather data from an API, ensuring accurate and up-to-date information. (25%)
- Created interactive visualizations to provide insights into weather trends, using graphs to analyze temperature fluctuations, pressure changes, and sky conditions over time. (25%)

Education

Kallam Haranadhareddy Institute of Technology

Nov. 2020 – Jul. 2024

Bachelor of Technology in Electrical and Electronics Engineering

Guntur, Andhra Pradesh

SVRM College

Jun. 2018 – Mar. 2020

Intermediate, MPC

Nagaram, Andhra Pradesh

Vikas High School

Apr. 2017 – Mar. 2018

Secondary Education

Guntur, Andhra Pradesh

Technical Skills

Languages: Python, SQL, Shell Scripting

Data Visualization Tools: Excel, Tableau, Power BI.

Libraries: Matplotlib, Seaborn, streamlit

Databases: MySQL, SQLite, Appwrite, Microsoft SQL Server

Tools: n8n (for workflow automation) Git, GitHub

Certifications

Data Visualization Using Tableau and Python (Udemy)

Data Analytics and Visualization UJob simulation (Forage, Accenture)

SQL Basics and Intermediate (HackerRank)

Python Basics and Intermediate (HackerRank))

Awards & Achievements

Received merit-based scholarship for academic excellence during undergraduate studies.

Led development of the highest-rated project during the Swecha internship, recognized for optimizing TCC Dashboard.

Extracurricular Activities

Guided participants in technical coding as a volunteer in swecha organization hackathons.

Organized inter-college cultural events, fostering student collaboration and team-building.

Active member of a local NGO, focusing on teaching underprivileged children basic computer skills.