

BUNEDU SAI VAIBHAV

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE ENGINEERING

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CAREER SUMMARY

Detailed-oriented Aspiring Data Analyst with practical internship experience in data acquisition, cleaning, and visualization using Python and Power BI. Proficient in SQL and Exploratory Data Analysis (EDA), with a strong foundation in analyzing structured datasets and translating data into actionable insights within technology-driven domains.

EDUCATION

B. Tech in CSE Institute of Aeronautical Engineering	(CGPA 7.81)	2025
Intermediate Sri Chaitanya Junior College	(88.8%)	2021

CERTIFICATIONS

- Introduction to Excel - SimpliLearn: Data handling, formulas, and basic analysis.
- Power BI for Beginners - SimpliLearn: Data modeling and dashboard creation.
- Data Analytics - Deloitte: practical experience in real world analytics tasks.

TECHNICAL SKILLS

- Programming & Analysis: Python, SQL, Data Structures and Algorithms
- Data Analysis & EDA: Data cleaning, Exploratory Data Analysis, Statistical Analysis
- Data Visualization: Power BI, Matplotlib, Seaborn
- Databases & tools: MySQL, Excel
- Analytics Tools: GitHub, VS Code

SOFT SKILLS

Analytical thinking, problem-solving, communication, teamwork, adaptability, time management, leadership.

WORK EXPERIENCE

Data Analysis Intern - Codveda Technologies

Dec 2025- Jan 2026

- Applied Python (Pandas, NumPy) to process and clean datasets, resolving 18 data inconsistencies through data validation and contributing to improved data quality scores by 8%.
- Applied Python (Pandas, Matplotlib) to analyze structured datasets, identifying trends that reduced manual analysis time by 20%.
- Crafted compelling data visualizations utilizing Matplotlib and Seaborn to present analytical findings; identified and reported 5 critical data errors, ensuring 100% data integrity for subsequent reporting processes.

Virtual Data Analysis Intern - YuvalIntern

Dec 2025- Jan 2026

- Conducted weekly data analysis, collecting and cleaning structured datasets using SQL and Python, resulting in 100% data integrity for reporting.
- Conducted Exploratory Data Analysis (EDA) using Python to analyze datasets, uncovering trends and correlations that enhanced analytical reporting accuracy by 10%
- Developed data visualizations and analytical reports to present insights, trends, and findings, supporting data-driven decision-making and business analysis

PROJECTS

Traffic & Road Accident Analysis Dashboard - Power BI

- Cleaned and transformed raw accident data using **Power BI (power Query)**, improving data accuracy and consistency by **20%**.
- Designed **interactive dashboards** in **Power BI** to analyze accident trends by location, time, vehicle type, and severity, reducing manual reporting effort by **25%**.
- Delivered visual insights that identified **high-risk zones and trend patterns**, supporting data-driven decisions for accident prevention initiatives.

Crop Yield Analysis - SQL, Python, Power BI

- Designed and managed relational tables using **SQL**, improving crop yield data organization and query performance by **20%**.
- Cleaned and preprocessed crop yield datasets using **Python (Pandas)**, resolving missing values and improving data quality by **25%**.
- Developed interactive **Power BI dashboards** to analyze regional and seasonal crop yield trends, supporting data-driven agricultural insights.

Hospital Patient Analysis - Excel

- Conducted analysis of hospital patient data in **Excel**, identifying key trends in admissions and treatments, reducing manual reporting time by **20%** for multiple departments.
- Performed data cleaning and organization using **Excel functions, filters, and pivot tables**, reducing data errors by **15%**.
- Developed charts and summary reports to visualize patient insights, aiding **data-driven decision-making** in hospital operations.