

Santrupth Sunkari

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SUMMARY

Data Analyst with 4+ years of experience in SQL, Excel, and Power BI, specializing in **data extraction, reporting, and compliance documentation**. Skilled in automating ETL processes and delivering actionable insights through **interactive dashboards** in Tableau, Power BI, and Python. Strong background in **data cleaning, report generation, and stakeholder collaboration**, ensuring accurate, timely, and policy-compliant analytics to support business and higher-education environments.

SKILLS

Languages: Python, SQL, R, Java, C++, JavaScript, TypeScript

Analytics & Reporting: Power BI, Excel, Tableau, Synapse Analytics, Statistical Analysis, Data Cleaning, Reporting Documentation

Infrastructure and Cloud: Azure, AWS (Lambda, S3, DynamoDB), GCP

Automation & Tools: Power Automate, Jenkins, Git/GitHub, GitLab CI, Docker, Terraform

Databases: PostgreSQL, MySQL, MongoDB, Snowflake, BigQuery

PUBLICATIONS

Blind Assistance System using Image Processing – Internal Journal for Research in Applied Science and Engineering Technology 10(III):2232-2240 2022

Artificial Intelligence based Models for Plant Protection- International Journal of Agriculture, Environment and Sustainability 3(1):1-7 2021

EXPERIENCE

Data Engineer

Aug 2025 – Present

August IT LLC

Ashburn, Virginia

- Built and optimized **Azure-based ETL pipelines** to extract and transform data from multiple sources into usable reporting datasets.
- Developed and maintained **data models in Snowflake/BigQuery**, enabling accurate analytics and compliance-ready reporting.
- Automated workflows with **Python, Databricks and SQL**, reducing manual tasks by 40% and ensuring documentation was consistent and reusable.

Application Engineer Intern

May 2025 – Aug 2025

University Of Phoenix

Phoenix, Arizona

- Resolved front-end and API integration issues in **Next.js, Flowable, and Terraform/AWS**, improving usability and data accuracy.
- Authored **unit tests in Playwright** and maintained workflow documentation, strengthening compliance and QA practices.
- Collaborated with stakeholders to align new technology implementations with project scope, timeframes, and risk considerations.

Software Engineer

Nov 2024 – May 2025

Moved

New York, New York

- Engineered an **automated reporting system** to process profit data from emails, cutting manual effort by 50% and saving \$20,000 annually.
- Built interactive **Power BI/Python dashboards** for KPI tracking, boosting decision-making efficiency by 25%.
- Documented reporting workflows and escalated system issues, ensuring smooth operations and timely issue resolution.

Data Analyst

Nov 2022 - May 2024

Arizona State University

Mesa, Arizona

- Built real-time dashboards in **Python and Tableau**, improving decision-making speed by 30%.
- Automated data pipelines in **Linux environments**, integrating Python scripts with PostgreSQL for scalable reporting.
- Improved database query performance by 20%, reducing server load and speeding up analytics.

Application Engineer Intern

May 2023 - Aug 2023

University of Phoenix

Phoenix, Arizona

- Developed a **React/Redux** student portal that streamlined course registration and boosted engagement by 25%.
- Optimized **SQL queries and backend APIs**, reducing server response times by 20%.
- Created **automated test suites (Jest, Cypress)** that increased CI coverage by 30% and reduced production issues.

EDUCATION

Master of Science in Information Technology

Arizona State University; GPA: 4.0/4.0

May 2024

Bachelor of Technology in Computer Science and Engineering

GITAM University; GPA: 3.52/4.0

May 2022