

# Sahithi Yerramsetty

sahithi.us36@gmail.com | +1 (623)-297-1556 | portfolio-sahithi-yerramsetty | linkedin.com/in/sahithi-yerramsetty

## Education

Arizona State University, Tempe, AZ, USA

Jan 2024 - Present

Masters in Information Technology; **GPA: 4.00/4.00**

G. Narayanamma Institute of Technology and Science, Hyderabad, India

Jul 2018 - Apr 2022

Bachelors in Electronics and Communication Engineering; **GPA: 8.51/10.0**

## Work Experience

Deloitte USI

Hyderabad, India

### • Data Analyst - Kroger Pharmaceuticals (Data Engineering Focus)

Sept 22 - Dec 23

- Managed and Refined daily **ETL processes** for Kroger Pharmaceuticals, validating **3TB** of EPRN information across multiple databases to ensure reliability and integrity for reporting.
- Developed and integrated **15+ pharmaceutical data models** for clinical, sales, and supply chain datasets, enabling accurate analysis and cross-team reporting.
- Accelerated Azure & Databricks pipelines to process **400M+** records daily, improving data pipeline efficiency by **35%**.
- Engineered and maintained interactive **7 Power BI reports** using curated views in Synapse, driving **20%** faster decision-making for business units.
- Optimized **Python utility** to generate SQL scripts for Databricks, enabling **user-defined inputs** (e.g., database, table, keys) and reducing script creation time by **33%**.
- Monitored daily ETL workflows via **ServiceNow**, resolving **P1/P2** incidents to ensure uninterrupted data operations.
- Designed and tested tailored data feeds for **AbbVie Pharmaceuticals**, enhancing **information delivery precision** by **15%**.
- Enhanced the **automated testing framework**, reducing validation time by **32%** and improving error detection by **13%**.

### Internship Studio

Hyderabad, India

#### • Data Science Intern

Dec 20 - Jan 21

- Predictive Modeling:** Engineered a **Random Forest Regression** model to predict YouTube ad views using historical data, achieving **94.3%** accuracy. Leveraged ensemble learning techniques to enhance model performance and reliability.
- Data Processing and Optimization:** Processed and cleaned datasets to ensure data quality. Enhanced model performance through **Grid Search** and **Cross-Validation**, Calibrated parameters to achieve the best results and better predictive accuracy.

## Skills Summary

- Programming:** Python, Java, SQL, C, HTML/CSS, PHP
- Data Visualization:** Power BI, Tableau, Excel, Matplotlib, Seaborn
- Databases:** Oracle, MySQL, SQL Server, PostgreSQL
- Cloud & DevOps:** AWS, Azure, GCP, Databricks, Docker, Kubernetes, Jira, Git, ServiceNow
- Framework/Libraries:** PySpark, Pandas, NumPy, Scikit-learn, Flask

## Certifications

- Microsoft Certified: Azure Data Fundamentals** (Sep 2025) - Microsoft.
- AI Certification** (Nov 2022) - Deloitte, IIT Roorkee.
- Post Graduate Degree(Software Engineering & Data Science)** (Oct 2023) - IIIT Hyderabad, Great learning.
- AWS Academy Graduate** – Data Engineering, ML for NLP, & ML Foundations (Issued Apr-Sep 2025)
- The Complete Oracle SQL Bootcamp** (Dec 2022) - Udemy

## Relevant Courses & Training

- Real-Time Data Pipeline & TechDocs Execution** (Aug 2023) - **IIIT Hyderabad, Great Learning**
  - Built a real-time data pipeline on Azure, improving deployment efficiency by around **25%**.
  - Co-developed **TechDocs** using **Spring Boot**, **MySQL**, **Azure Blob Storage**, and **React.js** with **JWT-based RBAC** for secure document management.
- ML Model for Bank Survey Data Analysis** (2021, 8 weeks) - **AI Certification Program**
  - Cleaned and processed large banking survey data using Python and PySpark, reducing missing and inconsistent data impact by **15%**.
  - Applied classification and regression models, improving model accuracy to **92%**.
  - Built interactive Power BI dashboards, cutting manual reporting time by **40%**.
- Java & Front-End Development Bootcamp** (May 2021) - **Cognizant Learning Paladins**
  - Solved **100+** **Java and front-end** coding challenges, ranking in the **top 10%** of participants.