1440, SW 104th, Path **GOUTHAM GIRAGANI** (786) 569-5523

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# EDUCATION

Florida International University Master’s in IT GPA:3.85 Aug’22-Apr’24 Anurag Group of Institutions(JNTUH) Bachelor’s in IT GPA:3.5 Jul’16-Sep’19

**TECHNICAL SKILLS:**

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| **Clouds** | AWS, Azure |
| **Big Data Technologies** | Hadoop stack, Hive, Spark, HDFS, Sqoop, Kafka, Airflow. |
| **Database Management** | SQL (Azure SQL Database, Cosmos DB, PostgreSQL, MySQL, Teradata). |
| **Programming Languages** | Python (Pandas, NumPy, Matplotlib, Tensor Flow, Keera’s). - R. |
| **Development Life Cycle** | Software Development Life Cycle (SDLC): Waterfall, Agile. |
| **Salesforce** | Data modeling, security configurations, automation, Service Cloud. |
| **Data Visualization** | Tableau, Power BI, |
| **Integrated Development Environments** | PyCharm, Scripter, Spyder, Studio |
| **BI Tools** | QlikView, SAS Business Intelligence, Power BI Apps. |
| **Continuous Integration/Deployment** | CI/CD strategies, Jira workflows, automation scripts. |
| **UML Diagrams** | Rational Rose, Visio (class, sequence, use case diagrams). |
| **Data Governance and Compliance** | Confluence, compliance checks, data encryption. |
| **Machine Learning** | Tensor Flow, machine learning algorithms, LDA, regression, clustering. |
| **CMS and Collaboration Tools** | - Confluence, Jira, MS Visio. |

# EXPERIENCE

**Business Analyst/Data Analyst – U.S .Bank , Iowa city, IA *01/2023 – 12/2023***

* Established **Azure** Data Lake governance with naming conventions and data classification.
* Optimized **Azure** storage costs through regular analyses aligned with business needs.
* Enforced security measures in **Azure** Blob Storage and Synapse Analytics.
* Analyzed claims data using **Python** Pandas.
* Automated data workflows with **CI/CD** pipelines.
* Ensured data quality in **agile** development processes.
* Conducted statistical analysis with **Python** and **R**.
* Enhanced **PostgreSQL** database efficiency with custom functions.
* Created **Tableau** reports and dashboards for leadership insights.
* Managed **AWS security** configurations and utilized **EMR** clusters.
* Wrote optimized SQL queries for efficient data retrieval.

 **Student Course Assistant – Florida International University, Miami, Fl *08/2022 – 12/2022***

* Designed Programming 2(**JAVA**) course modules by collaborating with faculty members with instructional preparations.
* Aiding the instructor in boosting student’s confidence and skill in computer science topics.
* Interacted with more than 75 undergraduate students, clariﬁed their doubts, and graded the assignments , discussions of students .

 **Data Analyst – Innosoft Datalinks Pvt Ltd , Bangalore, India *05/2019 - 06/2022***

* Proficient in **data management**, **analysis**, and **visualization**.
* Developed **AWS** incident response plan to enhance cloud security.
* Optimized **AWS tracking** with resource tagging and managed data imports from **Redshift**, **Teradata**, and **SQL Server**.
* Skilled in **Python** and **R** for data cleaning and pre-processing.
* Streamlined data management with **SQL** runtime engine scheduling and **ETL** processes into **PostgreSQL**.
* Utilized **SAS** for ad hoc analysis and implemented **Hadoop, Spark,** and **Hive** for data processing.
* Created efficient workflows with **Apache Oozie** and monitored **MySQL** database performance.
* Implemented **Excel** rules for validation, dynamic charts, optimized **Power BI** reports, and designed comprehensive **Power BI Dashboards**; used **QlikView** for anomaly detection.

 **Associate Business Analyst-Commcrypt Network Solutions,Hyderabad. *07/2018-04/2019***

* Streamlined organization's effectiveness by analyzing outputs, identifying issues, and proposing strategic solutions using **data** and **metrics**.
* Ensured **quality assurance**, **system integration**, and **user acceptance testing** for timely and budget-friendly solutions.
* Managed data collection, cleaning, and analysis using **Tableau** and **Excel**.
* Achieved a 15% increase in client coupon redemption by composing **data reports** and verifying strategic solutions through **system audits**.

# PROJECTS

* USA **Mortgage** dashboard using Tableau.
* **Layoff’s** Dashboard using Tableau.
* End to end **data analyst** project from data gathering to analyzing data using dashboards, for “Shoe” search on amazon.com.
* Detecting **Phishing attacks** using machine Learning.

Tools used: Web scraping, Python, SVM, Decision tress and Random Forest, Logistic Regression.

**CERTIFICATIONS**

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* Certified as “Google Data Analytics Professional”-GOOGLE
* Certified in “Google IT automation with Python”
* Certified as "Data Analyst” – DataCamp
* Certified as "AWS Cloud Practitioner" – AWS
* Certified in “SQL Fundamentals”
* Certified in”Data science”-CISCO
* Certified in”Data Analysis with Python”-IBM
* Certified in”Introduction to Data Analysis “-IBM
* Certified in”Data Analytics essentials”-CISCO
* Certified in”AZURE FUNDAMENTALS”-MICROSOFT