
BHANU CHANDU RAVIPATI

Johnston | T: +1 9139637251 | Email: ravipatichandu31@gmail.com

<https://www.linkedin.com/in/bhanu-chandu-ravipati-9157a5148/>

PROFESSIONAL SUMMARY

- Data Engineer with 4+ years of experience building and maintaining impactful **DATA PIPELINES** and infrastructure for diverse industries.
- Ability to leverage modern technologies and collaborate effectively with stack holders to deliver actionable insights and drive business growth.
- Skilled in **ETL/ELT** process, **DATA MODELING**, **CLOUD PLATFORMS** and **DATA VISUALIZATION TOOLS**.
- Regular about using data to solve complex problems and improve efficiency.

TECHNICAL PROFICIENCIES

- **Programming:** Python 3, C# .Net, Data Structures (Python), SQL, MYSQL.
- **Python Libraries:** NumPy, pandas, PySpark, Matplotlib
- **Data Visualization:** Power BI, Tableau
- **Web Standards:** HTML, HTML 5, CSS3, XML, JSON, JSP, AJAX, SERVLETS, REACT JS
- **Cloud Platforms:** Microsoft Azure, Amazon, Web Services (AWS)
- **Data Warehouse:** Snowflake, Azure Synapse Analytics.
- **ETL Tools:** Apache Spark, Azure Data Factory, AWS Glue, Informatica Power center.
- **Data Processing:** Azure Databricks
- **Data Storage:** Azure Data Lake Storage, Azure Blob Storage, AWS S3, Hadoop
- **Monitoring and Logging:** Azure Monitor, AWS CloudWatch
- **Version Control:** GIT

PROFESSIONAL EXPERIENCE

Dee Zee, Inc, Des Moines, Iowa

January 2023- Current

Software Development Engineer II

- Analyzed existing data infrastructure and identified pain points, including scalability limitations and maintenance overheads.
- Designed an architecture for the new cloud-based data platform, leveraging Azure Services such as **Azure Data Lake Storage**, **Azure Databricks**, **Azure SQL Database** and **Azure Data Factory**.
- Led the migration of data **from on-premises servers to Azure**, ensuring minimal downtime and data integrity throughout the process.
- Implemented ETL process using Azure Data Factory to ingest, transform, and load data from various sources into **Snowflake** Data warehouse.
- Collaborated with cross functional teams to define data models and ensure alignment with business requirements.
- Implemented data governance and security measures to protect sensitive data in compliance with regular standards such as **GDPR** and **CCPA**.
- Established training and alerting mechanisms **to Azure Monitor** and snowflake's native monitoring tools to track system performance and health.
- Provided training and documentation for stakeholders on utilizing the new data platform effectively.

ValueLabs, Hyderabad, India

June 2020 to December 2021

Software Engineer

- Assessed existing on-premises data infrastructure and identified opportunities for modernization and optimization.
- Designed a hybrid cloud architecture utilizing Azure and AWS services to accommodate diverse data workloads and business requirements.
- Led the migration of data pipelines and workloads to Azure services such as Azure Blob Storage, Azure Synapse Analytics, AWS S3.
- Implemented ETL process using industry-leading tools like Apache Spark, Azure Data Factory and AWS Glue to ensure seamless data ingestion, transformation, and loading.
- Integrated **Power BI** dashboards, and reports with cloud data platform to provide stakeholders with interactive visualizations and real-time insights.
- Implemented Security and compliance measures to protect sensitive data and ensure regulatory compliance across cloud environments.
- Provided training and support to end-users on utilizing **Power BI** for self-service analytics and reporting.

ValueLabs, Hyderabad, India

June 2019 to June 2020

Associative Software Engineer

- Collaborated with business Stakeholders to understand business requirements and identified opportunities for improving data integration and analysis capabilities.
- Evaluated existing ETL pipelines and identified areas for optimization and automation to streamline data processing workflows.
- Designed and implemented scalable ETL processing using tools such as **Informatica Power Center, Talend, and Apache NiFi**.
- Integrated third part **APIs** to enrich internal data assets to enhance analytical capabilities.
- Provided training and support to analysts and business users on utilizing the enhanced analytics for data-driven, decision- making.

ACHIEVEMENTS

- Hacker-rank: Achieved Bronze medal in week of Code and Five-star Problem solver.
 - Verso-coder Title: Achieved this title by winning the Verso Coder competition in National level technical fest #Include2k19.
 - Code chef Smackdown: Secured 4th spot in campus level.
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EDUCATION

University of Central Missouri, Warrensburg, Missouri
Masters in computer science, 2023 GPA: 3.5/4