S P SRINIDHI

Data Engineer

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PROFILE

I'm a proven passionate, proactive, dedicated, goal-oriented, smart-hard working and thirst to know kind of person looking forward to improve my intellectual and practical skills in implementing acquired knowledge, technical and leadership skills to help society and add value to the acclaimed organization.

SKILLS

- Adaptable & Flexible
- Ability to work in a team
- Problem solving & ability to multi-task
- Customer relations
- Ability to learn quickly & agile
- Highly responsible and reliable

TECH STACK

Programming Languages
- Python, SQL, Java

Cloud Tech/services
- AWS-S3, Lambda, Event Bridge etc

Libraries
- Pandas, Numpy, Synthetic Data Vault(SDV), Polars, OS, boto3 etc

Scripting language
- Power shell

Version control
- GitHub

Tools / applications
- Ignition, GE Proficy Plant Apps

Comm. Protocols
- OPC - IGS, Kepware

EDUCATION

Bachelor's of Engineering in Electrical & Electronics - 7.21, *State University - Visvesvaraya Technological University*

WORK EXPERIENCE

Data Engineer - Energy, *Avathon*
08/10/2024 – Present
- Design and implement data pipelines to ensure seamless flow from client environments to internal systems.
- Develop scalable ETL solutions for efficient data processing and accurate loading into data lakes and warehouses.
- Monitor and optimize pipeline performance to ensure high data quality and reliability.
- Streamline data ingestion and drive automation to enhance efficiency and scalability.
- Stay updated on emerging technologies to maintain an agile, innovative data infrastructure supporting analytics.

Application Developer - MExG, *Arthya Tech - Schreiber ICC*
04/03/2024 – 04/10/2024
- Developed and maintained scalable enterprise applications for FMCG clients, including real-time shopfloor monitoring interfaces.
- Led enhancements and feature additions, optimizing application functionality to meet business needs.
- Managed end-to-end application functionality, ensuring seamless integration, performance, and user experience.
- Gathered requirements from stakeholders to deliver tailored solutions and provide ongoing support.

Software Engineer - IIoT - Industry X.0, *LTIMindtree Ltd.*
29/10/2021 – 26/02/2024
- Focused on development and enhancement activities for SCADA applications, handling planning, development, testing, and ongoing maintenance.
- Troubleshot and resolved real-time business-critical incidents, performing root cause analysis, configurations, validations, and service request management.
- Led migration activities, including installations and setting up production-ready environments for new plants.

PROJECTS

APM - Industrial AI Suite
2024 – Present
- Leading the global transition to renewable energy with solutions that optimize performance, reduce costs, and enhance reliability.
- Helping renewable energy companies in wind, solar, and hydroelectric sectors maximize energy output and predict equipment failures.
- Utilizing advanced AI technology to drive sustainable operations and improve overall system efficiency.

DataPulse Application - MExG
- Developed a real-time shopfloor monitoring application to help operators analyze KPIs via an intuitive dashboard.
- Enabled operators to track operational efficiency, identify bottlenecks, and make data-driven decisions for optimized productivity.
- Provided customization options for adding and monitoring additional KPIs, ensuring scalability for evolving business needs.

MES & SCADA Dev - Industry X.0
- Developed SCADA screens for Clarios LLC to enable real-time monitoring and control of shopfloor operations.
- Provided detailed insights into production metrics and equipment status for seamless process tracking.
- Enabled quick issue identification and timely interventions, optimizing system performance and improving operational efficiency.

AWARD

Employee of the Month - May, 2025, *Avathon*

Wall of Fame Managing Director, *Arthya Tech - Schreiber*

iWin - Spot Award, *LTIMindtree*

GoMx - Award, *LTIMindtree*

Meritorious Student, *MKET LKEM School*