Darshan Rana [in]

System Engineer

Contact

📞 9664507546

✉ darshanrrana23@gmail.com

📍 Ahmedabad, Gujarat, India.

🐙 Github

Education

🎓 **Bachelor of Engineering (IT)**
2019 - 2023
Sardar Patel College of Engineering
GTU | 8.22 CGPA | Vallabh Vidhyanagar

Skills

- Python
- SQL
- MYSQL
- AWS
- ETL
- CSS
- Git
- Rockwell S/W
- EDA
- Data Vizualization
- MongoDB
- FTPC Coding
- HTML
- ReactJS
- Github

Tools

- Microsoft SQL Server
- Microsoft Power BI
- Microsoft Excel
- Visual Studio Code

Language

English

Hindi

Gujarati

Motivated System Engineer with a robust background in the automotive industry, particularly at Tata Motors Plant. Proficient in Python, SQL, AWS Services, Microsoft SQL Server, FTPC coding & debugging, and Rockwell Automation Software. Passionate about Data Engineering and MES Engineering, with a proven track record in optimizing manufacturing processes and developing scalable applications. Recognized for strong problem-solving skills and a collaborative approach, driving innovation in technology-driven environments.

Experience

02/2024 - Present

Tata Technologies (Vega Intellisoft Pvt. Ltd.)

System Engineer — Tata Motors Passenger Vehicle Plant, Ahmedabad

- Collaborated with Tata Technologies in the MES department (FTPC) at Tata Motors, Sanand, Ahmedabad, as a System Engineer, gaining hands-on experience in data-driven manufacturing processes.
- Optimized manufacturing workflows by applying data analysis techniques, improving operational efficiency and reducing downtime.
- Worked closely with the Data Engineering team to provide queries, stored procedures, and datasets for portal visualization using Microsoft SQL Server, gaining exposure to data pipelines and ETL processes.
- Designed and implemented shop-floor operation forms in Rockwell Software, successfully deployed in live production environments, ensuring real-time data accuracy and accessibility.
- Gained foundational skills in data engineering, including query optimization, data modeling, and database management, which will support my transition into a future Data Engineering role.

07/2022-04/2023

Edunet Foundation (SAP Code Unnati Program)

Internship Trainee — Vallabh Vidhyanagar

- Participated in a comprehensive training program focusing on Data Analytics and Python Development.
- Learned to work with Python libraries for data manipulation (Pandas, NumPy) and visualization (Matplotlib, Seaborn).
- Developed skills in Big Data technologies, data preprocessing, and machine learning algorithms.
- Successfully applied learnings in real-world scenarios by completing various data analysis projects during the course.

Certificate

- Code Unnati Trainee (SAP CSR Program) | Edunet Foundation
- Data Science Training | Promact Infotech Pvt. Ltd.
- AWS Cloud Practitioner Essentials | Amazon Web Services
- AWS Glue (ETL services) | Amazon Web Services

Reference

Pawan Khade
SD, Tata Technologies, India
Phone: +91 8605254271
Email : khade36@gmail.com

Vivek Bind
SD, Tata Technologies, India
Phone: +91 97958 13378
Email : ervivekbind@gmail.com