SOORAJ ARYAN

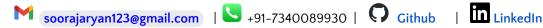✉ soorajaryan123@gmail.com | 📞 +91-7340089930 | ⊙ Github | 🔗 LinkedIn

Skills

- **Languages & Frameworks:** Python, Java, Spring Framework, Spring Boot, Spring Data JPA, Spring Security
- **Database & Data :** SQL (PostgreSQL, MySQL), NoSQL (MongoDB), Hibernate, Redis (Caching)MySQL,
- **APIs & Messaging :** RESTful APIs, Microservices, GraphQL (Basic), RabbitMQ / Kafka
- **Tools & DevOps :** Git & GitHub, Maven / Gradle, Docker, Jenkins / GitLab CI, JUnit & Mockito
- **Machine Learning & Modeling:** Regression, Classification, Random Forest

Experience:

Data Analyst   **June 2024 - June 2025**
Adani Group   **Ahmedabad , Gujarat ,India**

- **Data Collection:** Acquired large-scale manufacturing datasets from multiple sources focusing on Vertical Roller Mill (Cement Mill) operations, increasing data coverage by **25%**.
- **Data Cleaning:** Automated preprocessing using Excel VBA and Python, reducing manual cleaning time by **30%** while ensuring high data accuracy.
- **Model Development:** Built a multiple linear regression model to evaluate relationships between operational parameters and power consumption; identified key predictors, enabling **10–15% reduction in energy usage** through optimized operations.
- **Output Analysis:** Interpreted model results to highlight operational factors influencing power consumption, supporting **data-driven decisions that improved mill efficiency by 12%**.
- **Dashboard Development:** Created Power BI dashboards for logistics flow analysis, visualizing production, dispatch, and sales metrics; enhanced reporting efficiency by **40%** and supported strategic decision-making.

Java Developer Trainee   **June 2024 - June 2025**
HulkHire , Hyderabad .   **(Remote)**

- Contributed to backend development projects using **Java**, **Spring Boot**, and **RESTful APIs**. Implemented **PayPal payment gateway integration** and optimized API performance.
- Assisted in developing and testing **microservices** for modular architecture.
- Participated in **code reviews**, **unit testing**, and **API documentation**.

Projects:

1.Airfoil Noise Prediction using PySpark ML Pipeline | Github

- Built an end-to-end ML pipeline in PySpark to predict airfoil sound levels from the NASA Airfoil Noise dataset.
- Cleaned and preprocessed data: removed duplicates, handled nulls, and transformed features using VectorAssembler.
- Scaled features with StandardScaler and trained a Linear Regression model.
- Evaluated model using MSE, MAE, R^2 and persisted the trained model for production using PipelineModel.

Education

Marketing and Analytics   **August 2022 - April 2024**
MSRIM   **Bangalore , Karnataka , India**

BTech in Electrical Engineering   **August 2016 - April 2020**
Engineering College Bikaner   **Bikaner ,Rajasthan , India**

Certifications

- Machine Learning by Coursera | Certificate
- IBM Data Engineering Professional Certificate (V3) | Certificate
- The Data Science Course 2025: Complete Data Science Bootcamp, Udemy | Certificate