

FAISAL JAFFRI

Data enthusiast seeking a challenging role in data analytics, data engineering, or data science, leveraging 3+ years of experience in data wrangling and software development. Proficient in Python, SQL, Web & Mobile Development with a strong background in machine learning, data structures, statistical modeling, and data visualization.

Education

Oklahoma State University, Stillwater, OK

Master of Management Information Systems

Research Assistant: Mobile App Developer (Plants and Soil Department)

Aug 2022 – Dec 2023

GPA: **4.0 / 4.0**

Technical Skills and Certification

- **Skills:** Python, SQL, R, Java, JavaScript, Html, CSS, Swift, Shell, Dot Net MVC and Web Forms, Machine Learning and Statistics
- **Data Analysis and Visualization:** Tableau, Ask Data, Power BI, Pandas, Alteryx, Tableau API V3, SSIS, SSMS, Automation
- **Cloud Services:** Azure DevOps and Open AI, Azure Pipelines, Azure SQL Database, GCP Big Query, Apache Spark, AWS and GCP
- **Certifications:** Tableau Desktop Certified, Azure DP 900 Certified, Deep Learning Supervised Machine Learning

Employment

Data Science Intern

ISN, Dallas

June 2023 – Aug 2023

- Designed and developed a centralized Hazard Register Dashboard in Tableau, enabling efficient hazard and risk management for Hiring Clients and Contractors.
- Built the entire Data Model from scratch, establishing data relationships and creating complex calculated fields and conditional formatting for accurate risk assessment.
- Empowered Hiring Clients with site-specific insights, including Risk Control by Site, Risk Severity Rank by Contractors, and Risk Control by Hazards.

Data Engineer

Deloitte (India)

Feb 2020 – June 2021

- Collected, cleaned, and analyzed structured and unstructured wind turbine-related data to increase reporting speed by almost 30%
- Seamlessly integrated Snowflake data pipelines with DBT Cloud for advanced analytics.
- Leveraged Apache Spark for distributed data processing, significantly enhancing data processing capabilities and accelerating reporting times.
- Automated data pipeline workflows using Azure Pipelines to ensure data availability for analytics and reporting.

Data Analyst

Wipro Technology (India)

Nov 2018 – Feb 2020

- Gather real time data from PostgreSQL database and develop tableau reports.
- Extraction and data manipulation using Python and other applications for reporting analysis and customer delivery.
- Design, develop, test, publish and maintain Tableau/Power BI dashboards and reports.

Graduate Research Assistant, Plants and Soil Department, OSU

Full Stack Developer, GreenSeeker Bluetooth Logger

- Designed, develop, tested, and deployed IOS app to the App store.
- Used Core Bluetooth, Core Location framework to communicate with GreenSeeker Handheld Crop Sensor.
- Built REST API using Python Flask and mongo DB cluster and deploy in EC2 using Docker.

Projects

- **Embedded Analytics using Tableau API V3**
 - Developed a dynamic Tableau Dashboard for an Action Item Page and established two-way communication with the web page using Tableau JavaScript API V3 along with Trusted Authentication.
 - Initiated the company's first unique integration method, departing from traditional dashboard integration, and significantly improving customized dashboard creation for clients.
 - Collaborated with web development teams to seamlessly integrate the dashboard, enhancing user experience, and enabling real-time data analysis.
- **Test Automation Dashboard**
 - Developed Created and deployed a real-time QA Automation Dashboard on Tableau Server for modernization assessment by the leadership team.
 - Integrated data from the OLAP database to ensure accurate and current information for decision-making.
 - Implemented Alteryx workflow for scheduling and publishing dashboard updates by the QA team.