

# Aditya Sukhadeve

## Azure Data Engineer

📍 Nagpur ✉ adityasukhadeve90@gmail.com ☎ 7774847555 🌐 LinkedIn

### Professional Experience

#### Azure Data Engineer (Freelancer)

11/2022 – present | Nagpur, India

Vasu Aerotech ✎

- Streamlined batch processing times by 40% by implementing parallel data processing in Azure Data Factory
- Reduced manual data inputs by utilizing Azure cognitive services for form scanning and data input, achieving 30% labor cost efficiency.
- Refactored SQL scripts for ETL processes, achieving 20% performance improvement

#### Customer Success Associate

09/2022 – 04/2023 | Mumbai, India

Phonon Communication Pvt Ltd ✎

- Developed data models that improved business decision-making by providing insightful data analysis.
- Identified and resolved cross-functional data quality issues, increasing data accuracy by 40%
- Mastered Excel and SQL for data manipulation and analysis, cutting down data processing time by 35%
- Designing dashboards interactive by setting custom click behavior and linking one dashboard to another & adding filter widgets according to client needs & the results using Metabase, PowerBI.

#### Consultant

04/2022 – 09/2022 | Navi Mumbai, India

FutureBridge Pvt Ltd

- Leading the emerging technologies and innovation consulting practice. BRD/documentation/Process
- Handling the various corporate innovation projects and consulting assignments in Artificial Intelligence, Internet Of Things, Energy innovations, Wind Energy, Conventional Energy, Smart Grid, Energy Storage other emerging technologies.

#### Business Analyst

05/2021 – 04/2022 | Navi Mumbai, India

FutureBridge Pvt Ltd ✎

- Research-based on emerging trends in the field of IoT, AI, & Energy Innovations and their ramifications.
- Deliver quality information and research products to the respective clients with the decided timeline.
- Evaluating emerging technologies and innovations in the energy sector, assessing their potential impact on project feasibility, performance, and competitiveness.

#### Technical Subject Matter Expert

10/2017 – 04/2021 | Navi Mumbai, India

FutureBridge Pvt Ltd ✎

- Build analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency and other key business performance metrics.
- Database development and maintenance of for individual technologies along with quality control for content on platforms.

### Education

#### Master of Technology

07/2013 – 04/2015 | Rourkela, India

National Institute of technology, Rourkela ✎

Electronics & Communication, Expertise in Communication and Networks

## Skills

### **Cloud Computing:**

Azure (IaaS, PaaS, SaaS), Azure SQL Database, Azure Data Lake, Azure Data Factory, Azure Databricks, Azure Synapse Analytics

### **Data Management:**

SQL, NoSQL, Cosmos DB, Cassandra, MySQL, PostgreSQL, MongoDB

### **Programming & Scripting:**

Python (Pandas, PySpark)

### **Data Processing & Analytics:**

Spark, Hadoop, DataBricks, Machine Learning, Stream Analytics, Power BI

## Certificates

- Machine Learning with Python Certification, Cognixia India 2019.
- Antenna Design & Simulation under Centre of Excellence of Combedded System, VNIT Nagpur.

## Projects

### **Azure data factory (Bulk Data retrieval & Activities)**

- Advanced retrieval of data using Lookup Activity, ETL Tools & Azure Pipelines
- Covered two modes in Lookup Activity (Singleton and array mode)
- ForEach activity & Get Metadata Activity
- Copy Activity and enabling Azure Pipelines

### **Copy Activity from Azure blob Storage to ADLS(Azure data lake storage)**

- Used ETL tools
- Setup pipelines and defined source and destination where data is ingested and upon transformation loaded in Azure SQL database
- Microsoft SQL Server
- Deployed an Azure storage account and ingested the items in the container(parent resource)

### **Execution of Relational SQL queries using SQL warehouses in Azure Databricks**

- Automation of Data Engg processes at cloud scale & using pipelines in ADF to run notebooks in Azure Databricks