

# SUKANYA GHOSH

Master's Data Science, University of Koblenz

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## ABOUT ME

Talented engineer with extensive technical skills, business knowledge and a solid Experience of more than 4 years in India and Germany. I am currently working as a Data Engineer at BASF and would like to advance my career in the IT industry.

## EXPERIENCE

### Data Engineer

**BASF**

📅 Sep 2023 – Present    📍 Ludwigshafen, Germany

- Designed robust data models for efficient storage and retrieval
- Utilized Databricks to create and manage jobs and data pipelines, optimizing. Executed complex SQL queries to extract, transform, and load (ETL) data for various use cases.
- Developed PySpark scripts for data processing
- Constructed Power BI reports and Implemented CI and CD tasks within the DevOps pipeline.
- Extracted and transformed data from SAP tables using SQL queries to support various business operations and analytics
- Tech stack: Databricks, PowerBI, Data Warehousing, SQL, Python

### Software Developer

**Axaat Concept**

📅 Nov 2022 – July 2023    📍 Ingolstadt, Germany

- Planning and implementation of GUI in Angular.
- Tech stack: Angular, Typescript, DevOps, SQL

### Software Developer

**Sono Motors**

📅 May 2022 – Oct 2022    📍 Munich, Germany

- Designing architecture and developed web app using Django.
- Tech stack: Python, Django

### System Engineer

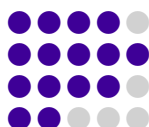
**Tata Consultancy Services**

📅 Aug 2019 – Oct 2021    📍 Bangalore, India

- Worked on IBM Maximo and developed Jython scripts.
- Initiated and facilitated a company-wide customer feedback program; analyzed feedback data and led a team to implement changes that resulted in a 20% increase in customer satisfaction.
- Tech stack: IBM Maximo, MySQL, Jython

## LANGUAGES

English  
Bengali  
Hindi  
German



## EDUCATION

### MSc Web and Data Science

**University of Koblenz, Germany**

📅 October 2021 – Present

### BE in Computer Science

**MAKAUT, India**

📅 July 2015 – June 2019

## STRENGTHS & SKILLS

PowerBI    Databricks    MySQL  
DevOps    Jira    Data Modelling  
Data Analysis    Kafka  
Data Warehousing    Microsoft Azure

Python    Snowflake    Pyspark  
Numpy    Pandas    Tableau  
Product Management

## PROJECTS

### AI-COVID

**University of Koblenz, Germany**

📅 Nov 2022 – Mar 2023

- The simulation model aimed to provide vital insights for controlling spread of COVID-19. .

### Prediction of of Global Terrorist Attacks using Machine learning

**MAKAUT, India**

📅 Jan 2019 – June 2019

- The model utilizes Exploratory Data Analysis to establish relationships between attributes.

### Data Engineering Lab

**University of koblenz, Germany**

📅 Koblenz, Germany    📍 Apr 2022 – Oct 2022

- Worked on various tasks based on big data analysis using Hadoop and Spark frameworks.
- Tech stack : Hadoop, Spark, Java, python.