LEBENSLAUF

Rajendra Didel

Persönliche Daten

Name	Didel
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Academic

Aug-2022 – Aug-2024
Constructor University (Jacobs University) Bremen
MSc in Data Engineering

Aug-2012 – May-2016
Rajasthan Technical University, Kota
Bachelor of Engineering, ECE

Jun-2010 – Jul-2011
Board of Secondary Education Rajasthan, Ajmer
High School

Skills and Language

Foreign Languages
English very good, spoken and written.
German improvable in word and writing B1.

Berufserfahrung

Feb 2023 – Jul 2023
Die Sparkasse Bank, Bremen
WorkStudent- Data Engineer

- Designing and implementing data storage solutions with AKS services like Azure Kubernetes Service, Azure SQL Database, and Docker, Azure Data Factory.
- Implemented container orchestration strategies to optimize resource utilization, reduce downtime, and enhance application availability.
- Collaborated with development teams to assist in the deployment of microservices and applications, ensuring compatibility with Kubernetes best practices.
- Developed and maintained data pipelines, automating the extraction, transformation, and loading (ETL) of large datasets, resulting in improved data accuracy and accessibility.

Dec 2021 – Aug 2022
The National Commodities Management Services Limited, Gurgaon
Deputy Manager - Data Scientist

- Translating data strategies into concrete action plans that include data collection, data preparation, statistical analysis, data modeling, and algorithm development.
- Working on analytics projects to optimize internal processes, predict weather, and perform KPO.
- Skilled in data visualization and using tools such as Power BI and matplotlib to present data insights effectively.

Computer Skills

Microsoft Office (Word, Excel), Python, Power BI, SQL Server, orchestration strategies ,Jira, Azure DevOps, Docker, Kubernetes, Machine Learning, SAS, R, NLP, Bash, Modelling, ETL.

Hobbies

Cooking, Ingredient Selection, Outdoor enthusiast, Optimist....

Project 1

Project: Seed Prediction using Gradient Boosting Algorithm based on Rainfall Data, NDVI, and Temperature.
Company: NCML
Duration: 6 months (January 2022 - June 2022)

As a Data Scientist at NCML, I worked on developing a predictive model for seed prediction using a Gradient Boosting Algorithm. The aim of this project was to help farmers make informed decisions on seed selection based on rainfall data, NDVI, and temperature.

My responsibilities for this project included:

- Collecting and cleaning large datasets of rainfall, NDVI, and temperature data.
- Preprocessing the data to extract relevant features and normalize the data.
- Developing a Gradient Boosting Algorithm model to predict seed grades based on the weather data.
- Tuning the hyperparameters of the model for better performance and accuracy.
- Evaluating the model's performance using various metrics such as confusion matrix, precision, recall, and F1 score.

Jan 2020 – Nov 2021

RX91 Web Pvt Ltd, New Delhi

Head Data Scientist

- Developed Flask applications for building and deploying web applications.
- Designed and implemented customized TF□IDF pipelines to extract key features from text data.
- Applied cosine similarity to calculate the similarity between documents or queries.
- Performed web scraping to extract data from various websites.
- Developed and implemented full-text search functionality for applications using technologies such as Elasticsearch, Solr, and Lucene.

Feb 2018 – Dec 2019

Green Mobiles, Bangalore

Data Scientist

- Collaborating with cross-functional teams to integrate NLP-powered resume parsing into applicant tracking systems (ATS) and other.
- HR software, resulting in improved data quality and efficiency in recruitment processes.
- Analyzing large volumes of e-commerce data, including customer behavior sales trends , and product performance, using statistical modeling and machine learning techniques.

Jul 2016 - Feb 2018

LiquidHub Analytics Pvt Ltd, Gurgaon

Data Analyst

- Developing a data visualization dashboard using Power BI to display the analysis results of a large e-commerce dataset. The dashboard includes multiple interactive charts and tables, allowing users to filter and drill down into the data for deeper insights.

Project 2

Project: Automated the process of transferring data from the on-premises network drive to Azure Cloud Storage file share.

- By automating this data transfer, the project aimed to streamline and simplify the process, reducing manual effort and ensuring efficient and reliable data movement to the cloud environment. This automation allows for better utilization of Azure Cloud Storage, enabling further data analysis, processing, and storage in the cloud.

Project 3

Project: Measure of similarity between two vectors in a multidimensional space.

- Using NLP to find the similarity between a doctor's prescription and the medicine names in database, and provide the customer with the available medicine options for online ordering. Calculate the TF-IDF scores for each term. Vectorize the doctor's prescription by representing it as a TF-IDF vector. Calculate the cosine similarity between the TF-IDF vector of the doctor's prescription and the TF-IDF vectors of all the medicine names in our database. Provide the customer with the list of available medicine options based on the cosine similarity calculation.

Project 4

Project: ChatOps Integration

- The project aims to develop a ChatOps integration solution that leverages Kubernetes, Azure DevOps, Docker, and containers.
- ChatOps is a collaborative model that brings together development, operations, and other teams to communicate, collaborate, and automate workflows through chat platforms Microsoft Teams.

Key Components and Technologies:

Kubernetes: Utilize Kubernetes for container orchestration.
Azure DevOps: Utilize Azure DevOps as the central platform for source control, build pipelines, release management, and continuous integration and delivery (CI/CD) workflows Docker and Containerization.
Chat Platform Integration: Integrate the chat platform Microsoft Teams with the development, operations, and monitoring tools to enable real-time notifications, collaboration, and execution of commands.
The outcome of this project an integrated ChatOps solution that enhances collaboration, automation, and visibility, empowering teams to streamline their workflows, improve productivity, and ensure efficient operations within the organization.

Rajendra Didel, Bremen 16.10.2023