JIBIN SEBASTIAN

MSc Data Science Student looking for full time/Part time position

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GitHub : https://github.com/jibin-sebastian

Data Science enthusiast with hands-on experience in ML, CI/CD, cloud infrastructure, and AI deployment. Skilled in Python, SQL, deep learning, and building scalable data solutions in Azure

Skills

Data Science Toolkit
- Python (Scikit-learn, Pandas, NumPy, Keras, TensorFlow)
- Visualizations (Power BI, Streamlit, Plotly)
- Exploratory Data Analysis (EDA)
- Extract-Transform-Load Pipelines (ETL)
- Text Analysis: NLP, LLM, LangChain
- Machine Learning

Data Engineering Toolkit
- REST API with Flask,
- FASTAPI,
- Docker , Kubernetes
- PostgreSQL (basic)
- AWS[EC2, SageMaker, Lambda]
- Azure
- Spark

General
- Agile Scrum Methodology
- GIT and DVC
- Visual Studio Code IDE
- Jupyter Notebooks, MS Office
- Windows & Linux OS
- REACT (Basics)

Languages
- English: Fluent
- German: B1

Hobbies & Interests
- Freelance Web Development
- Part of the German Data Science Society.

Academic Project
Research Case study: Automated classification of activity groups based on empirical motion data:
[https://github.com/jibin-sebastian/Research-Case-Study]

Experience

Werkstudent: Data Scientist [Feb 2025 - present]

SupplyOn AG, Munich
- Developed AI solutions and APIs using Python and SQL, deployed via Azure DevOps in the Microsoft Azure cloud.
- Built scalable data preprocessing pipelines (Azure Data Factory)
- Refactored Azure Data Warehouse using SQL.

Werkstudent : Data Scientist [Sep 2023 – Feb 2024]

SICK Sensor Intelligence, Hamburg, Germany
- Worked on **Predictive analytics & maintenance Modeling (Python)**
- Developed **Bash** scripts on **Ubuntu** for automated file extraction
- **ETL Pipeline**: Automate data extraction from PDF files
- Implementation of **Text analysis** techniques (NLP, LLM)
- Analysis of Sensor data using **Python** (Plotly, Seaborn)

Internship: Data Science [March 2023 – Aug 2023]

SICK Sensor Intelligence, Hamburg
- Performed data analysis and preprocessing.
- Built and evaluated models for emission control.
- Leveraged **AI Ops** tools, including Git, DVC, GitLab, DVC and Linux platforms.
- Utilised Optuna for hyperparameter tuning & AutoSklearn for automated model selection.

Working student: Data Management [June 2022 –Nov 2022]

Creditshelf Aktiengesellschaft, Frankfurt
- Supported data preparation, quality control, and evaluation using **Python[FastAPI, Pydantic, SQLAlchemy] and PostgreSQL.**
- Dockerizing Apps and deploying in **Kubernetes** clusters.
- Prepare documentation in Confluence - Data processing and storage in **AWS S3**.
- Leveraged **ArgoCD** for automated **API deployment** and **GitOps** workflows.

System/Data Engineer [June 2016 – Oct 2020]

Infosys Pvt Limited, India
- **CI/CD Pipeline Management**: maintained CI/CD pipeline configurations using Jenkins and GitLab, ensuring automated and efficient deployment workflows across UNIX and container platforms.
- **Kubernetes Container Orchestration**: Optimised Kubernetes-based microservices for high availability and performance, managing deployment, scaling, and monitoring via AppDynamics, Splunk, and Slack alerts.
- **Incident & Change Management**: Led change implementation per client requests using WebLogic, Git, Bitbucket, and Jenkins for configuration and deployment management.
- **Scripting & Automation**: Proficient in scripting with Bash & PowerShell / Python
- **Application Data Analysis**: monitoring application and server performance, managing alerts, and ensuring system reliability. Build SPLUNK Dashboards for analysis.

Education

MSc DATA SCIENCE: University of Trier, Trier (3.3) [Oct 2020 – June 2025]
Thesis: Using Python and Data Science to analyse the interplay of Socio-Economic Factors, Index dependencies, and seasonal variations on Stock market Performance.
INFOSYS TRAINING, Infosys Pvt Limited, India [June 2016 – Sep 2016]
Training in Python, SQL Database, Incident Management Service, and Linux
Bachelor's Degree: BCA (79% CGPA: 3.16 / 4)
Don Bosco College, India [June 2013 – March 2016]
Final Project: Implementation of Online Retail Cart Management (PHP, SQL, CSS, HTML)