

Pascal Brokmeier

Creative Lead Data Engineer & Product Owner

Contact

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About

A computer scientist by background, I have broad technical skills in engineering software & data systems, linux environments and in the cloud. I have served numerous clients in a large range of industries and can therefore offer a wide range of solutions to complex problems. Professionally, my topics of interest are: Biotech, Medtech and mineral based carbon capturing. Personally, I am interested in longevity and mindfulness.

Profiles

LinkedIn

[pascalbrokmeier](#)

Work

McKinsey and Company

2021-05-24 – 2022-06-03

Associate - Data Engineer - Lead Data Engineer - Product Owner

Key achievements

- Product Owner for greenfield data & analytics platform built with team of ~20 engineers for global organisation
- Lead team of 8 engineers in developing a descriptive algorithm understanding what makes teams perform well at global bank
- Developed GCP based data platform for manufacturing showroom, implementing data mesh principles to be taught to numerous clients
- Designed & built MVP data platform together with CIO and team to digitise over 20 power plants and leverage IoT data worldwide

Industries

Banking Biotech Energy Manufacturing Public Sector & NGO

Countries

 United Arab Emirates  Switzerland  Germany  United Kingdom  Italy

Technologies

AWS Argo Atlassian Azure Docker Google Cloud Platform Hadoop Immuta IoT Kafka Kedro
Kubernetes MQTT Miro NetworkX PowerPoint Python Spark Terraform

Quantum Black

2020-09-30 – 2022-04-01

Data Engineer - Lead Data Engineer

Key achievements

- Developed Real World Evidence Pipeline with team of 6 engineers leveraging 30+TB of medical records to drive research agenda
- Productionizing time series forecasting for automotive supply chain player, impacting 3w-3y planning horizon

Industries

Automotive Pharmaceutical

Countries

 Belgium  Switzerland  Germany  United Kingdom

Technologies

AWS Azure Databricks Kedro Python Spark

Data Minded

2019-02-18 – 2020-08-28

Data Engineer

Key achievements

- Built and maintained lambda architecture data platform for airport, enabling both real time and batch use cases, leveraging everything as code and DevOps principles

Industries

Advertising and Marketing Aerospace Automotive Governance and Compliance IT Consulting
Telecommunications

Countries

 Belgium

Technologies

AWS Apache Airflow Gitlab Google Cloud Platform Grafana Hadoop Helm IntelliJ Java Kafka
Kubernetes Prometheus Python REST Spark Tensorflow Terraform alpakka concourse dataflow

Space Applications Services

2018-10-10 – 2019-02-15

Software Engineer

Key achievements

- Team member in scrum team developing planning and scheduling software for the ISS for both ESA and NASA

Industries

Aerospace

Countries

 Belgium

Technologies

Django

Gitlab

Jira

Python

REST

ReactJS

Redux

University of Cologne

2017-11-01 – 2018-06-30

Graduate Student


Key achievements

- Thesis on advanced automated power market trading strategies

Industries

Research

Countries

 Germany

Technologies

Docker

Java

Keras

Kubernetes

Python

RabbitMQ

Tensorflow

Propeller Aero

2016-03-05 – 2016-06-05

Software Developer

Key achievements

- Design and Implementation of Mobile Application, Optimization of Frontend Build Pipeline

Industries

Heavy Industries

Countries

 Australia

Technologies

AWS

Angular

Ionic

REST

Webpack

Optiz Consulting GmbH

2011-01-01 – 2017-05-15

Software Developer

Industries

Automotive

Consumer Goods

IT Consulting

Logistics and Supply Chain

Pharmaceutical

Countries

 Germany

Technologies

API AWS Angular Ansible CA API Gateway Hibernate Ionic Java Java ME NodeJS OpenShift
Oracle ADF Oracle IoT Cloud Oracle Weblogic Philips Hue Phonegap REST Spring Terraform Vagrant

Languages

 English

Native speaker

 German

Native speaker

Note

This resume is automatically generated from my personal notes. As such, all technologies mentioned are derived from my actual notes for over 30 projects that I have worked on in the last 10+ years For details, see my [github project](#)