



Lorik Bajrami

In my roles, I have designed and implemented scalable cloud platforms, optimized deployment pipelines, and engineered robust AI-driven systems. Leading multidisciplinary engineering teams, I consistently deliver measurable business value by improving efficiency, reliability, and platform stability. I bring a strong commitment to engineering excellence and continuous improvement, approaching complex challenges with a holistic mindset to create elegantly simple, scalable solutions. While my experience spans the full software development lifecycle, my current focus lies in Cloud Architecture, DevOps, AI Engineering, and technical leadership.

Skills

AI & Data: Generative AI · Agentic AI · RAG · Prompt Engineering · Embeddings · Model Context Protocol (MCP) · LLM Orchestration (LangChain, LangGraph) · Model Evaluation · Vector Databases · Databricks · Delta Lake · Unity Catalog · Spark · MLflow · AWS Bedrock · Azure OpenAI · SageMaker

Cloud & Platform: AWS · Azure · Cloud Architecture · Terraform · Kubernetes · Docker · Helm · Istio · ArgoCD · Prometheus / Grafana · Serverless · Event-Driven Architecture · CI/CD (GitHub Actions, Azure Pipelines)

Languages: Python · PySpark · SQL · Bash

Languages

- German (Native)
- English (Fluent)
- Albanian (Native)

Certificates

- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified Data Engineer – Associate
- AWS Certified AI Practitioner
- AWS Certified Cloud Practitioner
- Databricks Data Engineer Associate

Work History

Deloitte Consulting GmbH (Hamburg)

03 | 2025 – now

Senior Consultant · AI & Cloud Solutions Architect

Department „Artificial Intelligence & Data“

- Led a team of 8 engineers in the development, operation, and continuous optimization of multiple AWS-based cloud infrastructures, with a focus on improving platform stability, scalability, and reliability while providing a robust and standardized cloud platform for customer-facing applications
- Designed and implemented a PoC and MVP for a GenAI-powered application to improve efficiency of marketing teams across Europe by delivering real-time, product-aware translations with adaptive language tone; currently leading a dedicated development team to evolve the solution into an enterprise-ready platform, ensuring scalability, security, and seamless integration into existing enterprise systems

Lufthansa Industry Solutions GmbH

07 | 2019 – 02 | 2025

(Norderstedt)

AI & Cloud Solutions Architect

Department „Artificial Intelligence & Data Analytics“

- Led a Data Science team for developing and making a GenAI Application production ready
- Led a team of 6 developers as a Lead DevOps Engineer to develop a platform providing customers with an abstraction of cloud services, including CI/CD, enabling streamlined access and utilization across departments
- Served as a Solutions Architect, designing and implementing the cloud architecture to host a high-availability web application. This involved setting up a scalable and reliable infrastructure for a decoupled frontend, backend, and database to support multiple customers efficiently
- Contributed to implementing an AWS Redshift Data Warehouse, enabling efficient storage and analysis of large-scale datasets
- Developed ETL pipelines to ingest data into the Data Warehouse and export cleaned data to Salesforce CRM, improving data accessibility organization wide
- Conceptualized, designed, and optimized predictive models, such as a Scrap Rate Prediction tool for Aviation Engines, seamlessly integrated with existing backend systems for operational efficiency

Education

Technische Universität Berlin

10 | 2016 – 04 | 2019

Master of Science · Final grade: 1.4

Electrical and Information Engineering with a focus on automation technology

Imperial College London

09 | 2017 – 12 | 2017

Semester abroad · Final grade: 1.7

Department of Electrical and Electronic Engineering with a focus on machine learning

Christian-Albrechts-Universität (CAU) zu Kiel

10 | 2012 – 09 | 2016

Bachelor of Science | Final grade: 2.2

Electrical and Information Engineering

Christian-Albrechts-Universität (CAU) zu Kiel

10 | 2012 – 09 | 2016

Bachelor of Science | Final grade: 2.1

Industrial Engineering with a focus on Electrical and Information Engineering