

ADAM HÄGGLUND

Software & Data Engineer



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Certified Data Engineer with 3+ years of professional experience working as a Data and Software Engineer. Passionate about engineering excellence and crafting technical software and data solutions with quality and care. My expertise includes building data-intensive cloud applications, developing and deploying reliable data solution, and designing and data products for analytics and ML/AI integrations. I take pride in my strong sense of ownership, eagerness to learn, and collaborative mindset.

PROFESSIONAL EXPERIENCE

Data and Platform Engineer - 3Shape A/S | Feb 2024 - Present

- Key member of the Commercial Data Excellence team, leading the technical implementation and scaling of Azure Databricks as the central data platform for commercial data initiatives.
- Build reliable and efficient ingestion and orchestration for 10+ diverse data sources, ensuring compliance and timeliness.
- Lead the adoption of data product thinking, designing and delivering reusable, scalable data products with clear ownership and metadata standards, accelerating analytics delivery by 30% and reducing onboarding time.
- Expand platform adoption from 7 to 60+ active users across 5 teams, led technical hiring to grow the engineering team from 2 to 5. Introduced engineering best practices, including CI/CD, Infrastructure as Code (IaC), coding standards, and reusable templates—boosting delivery throughput by 40% and laying the foundation for sustainable onboarding and growth.
- Mentored analysts, scientists, and engineers in modern practices like MLOps and optimization techniques, reducing model deployment time by 25% while improving reliability and lowering costs.

Keywords: Azure Cloud, DataBricks, GitHub Actions, Apache Spark, MLflow, SQL, Terraform, Python, Scala, MLflow

Data Engineer - IKEA IT AB - Group Digital | April 2022 - Feb 2024

- Building ETL pipelines to harmonize and clean large sets of financial data for use in ML models to support financial impact simulations on multiple topics in 29 markets worldwide.
- Enhancing computational performance of existing SQL queries, reducing BigQuery analytics costs by more than 30% for our datasets.
- Improving the CI/CD system using GitHub Actions and Terraform to facilitate an efficient product lifecycle, lowering build and run times by 40% while maintaining best DevOps practices and reducing the risk of major pipeline failures.
- Supporting software engineering efforts in new feature development and communicating these to stakeholders.

Keywords: GCP, BigQuery, Apache Airflow, Dataform, Docker, Docker Compose, Terraform, Github Actions, python, SQL, sklearn

Software Engineer Intern - Robert Bosch AB | June 2021 - Aug 2021

- Realizing an MVP for monitoring and forecasting development performance within Bosch R&D Lund, made available to more than 300 co-workers.
- Extracting real-time data from Gerrit API, transforming and formulating KPIs to be made available in a Grafana Dashboard.

Keywords: Python, C#, Grafana, Docker, Jenkins

EDUCATION

Lund University, Faculty of Engineering (LTH)

M.Sc., Computer Science & Engineering | 2016-2022

- Master Thesis: Data Ecosystem as a Solution for Intra-organizational Data Sharing
- Specialisation: Software Engineering
- Exchange semester: Beihang University, CN

Le Wagon

Data Engineering FT (For Business) | 2022

- As a part of IKEA's accelerator program I spent 3 week of full time studies in Le Wagons Data Engineering course - including lectures, hands-on experience and certification.