





Henry Stoll

Data Scientist and AI Engineer with a focus on creating Data & LLM architectures in impactful real-world settings.


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Recent Work Experience

 **Data Scientist** (UNHCR)
Developed and deployed scalable media classifiers (Llama2, Mistral, BERT) for social media hate speech detection, classifying 20k posts/minute using AWS with focus on explainable AI. Utilized AWS Bedrock, SageMaker and serverless. Implemented a fully serverless data pipeline including fanout SNS + SQS pattern, RDS with Aurora, and DynamoDB for robust data handling and managed using CDK for IaC. Deployed user-facing Backend and Frontend with Fargate and AWS Amplify using best practise DevOps pipelines. Prototyped chatbots and internal tools using commercial LLMs like GPT4, Vertex and AWS Bedrock. Collaborated with internal and external legal and technical stakeholders.
Copenhagen, Denmark • 05/2023 - 03/2024

 **Technical Advisor** (rapidcreative.io)
Built and validated a chatbot for turning text into short videos using GPT4, RAG, langchain and React for a growth startup.
Copenhagen, Denmark • 01/2023 - 05/2023

 **Technical Lead** (UNICEF)
Technical Lead for a project enhancing supply chain visibility across 9,000 global NGO partners, piloted in 10+ countries including field mission to Lebanon. Designed the solution architecture and developed the backend using Node.js on Azure and PySpark for data pipelines. Led a team of three developers and coordinated with over 100 stakeholders.
Copenhagen, Denmark • 07/2021 - 01/2023


 **Software Engineer Intern** (NEON.DEV)
Frontend and app development for bootstrapping the *Doguniversity* app (>300k users) and *okourse* video platform.
Berlin, Germany • 01/2020 - 04/2020


 **Corporate Student** (SAP SE)
Web Development, IT Consulting, Cloud Software, Prototyping, Use Case Development for IoT, VR, AI in multiple Industries including Automotive, Manufacturing, Finance and Insurance.
Walldorf, Germany • 09/2016 - 09/2019

Recent Voluntary Experience

 **Student Assistant to Supervisory Board Member** (SAP SE)
Preparing the award-winning *Initiative Digitale Transformation* seminar at the Technical University Munich (TUM).
Munich, Germany • 09/2018 - 09/2019

Education

 **MSc Data Science and Business Administration**
Copenhagen Business School (CBS) - top 5%
Frederiksberg, Denmark • 2020 - 2022

 **BSc Business Informatics with SAP**
Duale Hochschule Baden-Württemberg (DHBW)
Mannheim, Germany • 2016 - 2019

Skills

Development
Python, langchain, LLMs, MLOps, pyspark, SQL, Node.js, Vue, React, Svelte, Flutter, R, CI/CD, Docker, IaC, Kotlin, Postgres, NoSQL DB, Vector DB, AWS, GCP, Azure, Explainable AI

Tools
Tableau
Figma

Methodologies
Design Thinking
User Experience
Project Management

Languages
English (fluent)
German (native)
Danish (learning)

Interests

Professional
Data Strategy
Entrepreneurship
GenAI

Private
Swimming
Cycling
Bouldering
Piano