





Henry Stoll


IT professional with experience in solutions architecture, web development and with a strong skill on designing real-world AI solutions.


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Recent Work Experience

 **Solution Architect & 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 to implement a serverless data pipeline including fanout pattern, RDS with Aurora, and DynamoDB for robust data handling and managed using 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 business, 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)
IT Consulting, Web Development, 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

Architecture & Design
Executive Presentations
AI and Generative AI
Web Development
Security and Compliance
Database Management
Networking
Performance Optimization
Leadership of Small Teams
Pre-Sales Consultation
Collaboration with Business and Technical Stakeholders

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

Methodologies

Design Thinking
User Experience
Project Management

Languages

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

Interests

Swimming
Cycling
Running
Bouldering
Piano