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Alborz Sabet

Generative AI Engineer with a Master's in Autonomous Systems Engineering and extensive experience leading technical development and deployment of machine learning solutions. Specializing in GenAI, MLOps and natural language processing, I thrive on driving impactful projects from concept to implementation while ensuring compliance with industry standards. Through strong analytical skills, collaboration, and an adaptable mindset, I deliver scalable and effective AI applications that align with strategic goals.

WORK EXPERIENCE

May 2024 – Current

Machine Learning Engineer

Udviklings- og Forenklingsstyrelsen, Copenhagen

- Applied MLOPs principles on the government ML platform for advanced analysis
- Implemented GDPR compliant RAG solution on company data

Nov. 2023 – May 2024

AI Engineer Team Lead

Senpage Consulting, Copenhagen

- Led development of search engine and recommender system, greatly improving users connectivity, interaction and click-through rates
- Set up in-house content-focused reference system, significantly increasing the accuracy of matching users as well as saving yearly cost by not depending on external services.

Dec. 2022 – Jan. 2023

Machine Learning Operations TA

DTU Compute, Lyngby

- Provided mentorship and guidance to students on MLOps practices, emphasizing the importance of robust model deployment, monitoring, and maintenance.
- Collaborated closely with faculty and research staff in troubleshooting, debugging and optimizing machine learning pipelines .

EDUCATION

Feb. 2021 – Sep. 2023

Msc - Autonomous Systems Engineering

Faculty of Electrical Engineering, DTU

- Machine learning and Data Mining
- Computer Vision and Image Analysis
- Thesis: Automating video production using Deep Learning Approaches

Aug. 2016 – May 2019

BSc - Electrical Engineering

Faculty of Information-technology and Electronics, NTNU

- Robotic Software Architecture
- Control Systems Design
- Thesis: Instrumentation and automation of an active Solar Tracker

TECHNICAL SKILLS

Python	PyTorch	CI/CD	OpenTelemetry
C++	OpenCV	Azure	Streamlit
HTML & CSS	NLTK	Wandb	FastAPI
Javascript	LangChain	Docker	Selenium

OTHER

Merits Norwegian boxing champion 2020-2022, Zealands boxing champion 2021-2023
DTU Robocup Runner-up 2022

Hobbies Sports, Non-fiction reading, Philosophy

Languages Norwegian, Danish, English, Spanish, Farsi