
Summary

Versatile AI & Machine Learning Lead and CEO of Nordlytics AB with over 10 years of experience delivering high-impact, automated solutions. Expert in the full ML lifecycle, from LLMs and Computer Vision to time series forecasting, with hands on experience from Fortune 500 and utility leaders like E.ON. Proven track record in building scalable data platforms using Python, PyTorch, and Spark within cloud environments. Combines deep technical knowledge with strategic stakeholder communication to transform complex data into autonomous, production-ready systems.

Work Experience

Nordlytics AB – Founder & Lead ML Engineer – 2021-Now

My own consultancy with focus on developing AI and Machine Learning solutions for following clients:

Shot Log - Senior Machine Learning Engineer – 2026 (Jan.) - Now

Developing full-stack webapp with AI based solution for competition shooters using computer vision and MLOps. Responsibility for full infrastructure with deployment of webapp, backend, database and model inference pipeline using a mix of Digital Ocean and Runpod. Model training and life-cycle managed using MLFlow. Deployment of model targeting partial edge inference and cloud inference.

Apple - Senior Machine Learning Engineer – 2021-2025

Developing ML/AI based solutions to clean, combine and augment data from many diverse sources. Project resulted in a fully automated solution with minimal human interaction, and gave remarkable improvements over the previous labor intensive process. Models developed in the process range from SVMs to LLMs. I have been involved in all stages from conception and planning up through data gathering/annotation, training, validation, final production deployment and operation including continuous updates of running models and communication with stakeholders.

E.ON – Senior Data Scientist – 2018-2021

Fully Automated Time-Series Forecasting Platform - Power Grid

Led the design and deployment of an end-to-end forecasting pipeline that ingests raw grid data, cleans it, engineers features, trains diverse models (OLS to Seq-to-Seq quantile regression), and surfaces real-time metrics in the operator UI. The enhanced accuracy enabled operators to reduce peak-surplus generation by, cut monthly procurement spend, and shift load toward green sources - lowering carbon intensity.

Computer-Vision Vegetation Segmentation - Transmission Corridors

Developed a deep-learning segmentation model that processes satellite imagery to flag vegetation encroachment along transmission corridors. The AI-driven alerts accelerated maintenance response time, cut unplanned outages due to vegetation from 12 to 2 per year, and slashed inspection labor costs and a markedly more reliable grid.

Sony Mobile Communications – Data Scientist – 2015-2018

Performed end-to-end data science projects that boosted user targeting and churn reduction. Built a scalable PySpark pipeline for ingesting 5 TB of logs, applied clustering to segment users, improving personalized marketing, and developed time-series models (Prophet, LSTM) predicting daily active users with lower error for capacity planning. Created churn prediction models (AUC 0.87) that guided retention strategies, cutting customer attrition. Maintained models via automated retraining and real-time monitoring dashboards. Performed A/B test and cohort analysis using Google BigQuery to improve and increase engagement of in-house developed app. Designed and taught an organization-wide curriculum on data analysis and machine learning, mentoring 10+ analysts/engineers - raising self-served query volume and shortening insight cycles from weeks to days. This effort significantly increased revenue, lowered churn costs, and elevated company-wide data literacy.

Twilio – Software Developer w. Devops and Data Analysis focus – 2014-2015

Development and maintenance of SMS aggregation gateway. Analysis and forecasting of resource requirements based on periodic system load.

Steria – Software Developer and Team Lead – 2011-2014

Development and maintenance of import and export taxation system for the Danish tax ministry. Lead developer role with minor focus on project and team management.

Skills

Artificial Intelligence & Machine Learning

Area	Years of experience	Specific Skills
Time-Series Forecasting	11	Seq-to-Seq quantile regression, Prophet, LSTM. Backcasting, decomposition, outlier detection/removal, shift detection
Explainable AI (XAI)	8	SHAP, Feature Importance, Feature Pruning, avoidance of data leakage
Experimentation	5	A/B Testing, model validation, continuous updates of running models
Deep Learning & LLMs	11	Fine tuning transformer models, Parameter-Efficient Fine-Tuning (PEFT), Quantization
Computer Vision	7	Deep-learning segmentation for satellite imagery (E.ON), Classic OpenCV applications such as homography, edge detection, ocr
Classical ML & Statistics	11	Gradient Boosting, OLS, Clustering (HDBSCAN), t-SNE, recommender algorithms

MLOps, DevOps & Cloud Infrastructure

Area	Years of experience	Specific Skills
MLOps Lifecycle	8	MLFlow, model prepping for production, automated retraining, real-time monitoring dashboards
Model Deployment & Serving	8	NVIDIA Triton Inference Server, ONNX, edge inference on thin devices
Containerization & Orchestration	10	Docker, Kubernetes (EKS), full infrastructure deployment
Cloud Platforms	10	AWS, Azure, Google Cloud, Digital Ocean, Runpod, Infrastructure as Code via Terraform
CI/CD & Automation	10	Github Actions, Jenkins

Data Engineering & Big Data

Area	Years of experience	Specific Skills
Big Data Processing	11	Spark, PySpark, Spark Mllib, Google BigQuery
Data Manipulation	10	Pandas, Polars, Flink, complex feature engineering (including in production settings).
Databases & Querying	12	SQL, database deployment and management for full-stack webapps.
Data Visualization	10	Matplotlib, Bokeh, surfacing real-time metrics in operator UIs (E.ON).
Data Annotation & Labeling	7	Label Studio, X-AnyLabelling, custom data gathering/annotation pipelines, human-in-the-loop workflows.

Programming & Software Development

Area	Years of experience	Specific Skills
Python	12	Primary language for 10+ years across all ML, data, and backend roles
Scala & Java	10	Scala for Spark ecosystems, Java from early software development roles and personal projects
Software Architecture	10	Full-stack development in various roles

Leadership, Strategy & Soft Skills

Area	Years of experience	Specific Skills
Technical Leadership	15	Founder & Lead at Nordlytics, Team Lead (Steria), end-to-end ownership of ML lifecycle.
Mentoring & Education	11	Designed/taught org-wide data curriculum, mentored 10+ analysts/engineers, shortened insight cycles from weeks to days (Sony).
Stakeholder Communication	15	Translating complex data into strategic business value for Fortune 500/utility leaders (Apple, E.ON).

Education

MSc in Computer Science Copenhagen University, 2008-2011

Coursework: Machine Learning, Statistics, Image Analysis and Computer Vision, Advanced Algorithms

Research: Implementation of the lattice Boltzmann method using CUDA and GPUs

BSc in Computer Science, Copenhagen University, 2005-2008

Coursework: Functional programming, Compiler design, Algorithms, Computer Graphics, Interaction Design, Linear Algebra, Calculus, Physics, Thermodynamics

Language Proficiency

Danish	Native
English	Fluent
Swedish	Fluent
Chinese	Basic