Mikkel Dolmer

+4560654746 | mikkel@dolmer.dk | mikkel-dolmer | cv.dolmer.dk | Aalborg, Denmark

ABOUT ME

I am a Master's graduate in Software Engineering with broad experience across multiple areas of software development through consulting projects and a diverse technical background. I am naturally curious and enjoy continuously learning new technologies and staying up to date within modern software development. I am also structured and analytical, with the ability to quickly adapt to new environments and challenges.

EXPERIENCE

Trifork Sep. 2025 – Present

Software Engineer Aalborg

- At Trifork, my work involves software consulting across multiple client projects, primarily focused on full-stack web development. This includes developing .NET backend services and REST APIs, building React-based frontends, and managing cloud infrastructure and deployments using Azure and Bicep.
- I collaborate with multiple development teams, which has given me experience in quickly adapting to different workflows, codebases, and business domains.

ZeBon Jan. 2025 – July. 2025

Student developer Aalborg

- At ZeBon, I worked as a student developer as part of the software team, contributing to the maintenance and ongoing development of the zExpense web platform, including implementing new features and improving existing functionality.
- Worked and collaborated in an agile environment, gaining valuable experience in iterative development and teamwork.

PROJECTS

Master's thesis - Transformer-Based Extraction of Structured Data from Gut-Brain Axis Publications

- My master's thesis focused on advancing NLP techniques through the exploration of LLM models. The project involves ensemble learning of BERT models pretrained on biomedical corpora and employs weighted training strategies tailored to different dataset qualities. This research aims to enhance Information Extraction Systems, particularly in the context of biomedical texts related to the gut-brain interplay, aligning with the goals of the GutBrainIE CLEF 2025 challenge. My group and I achieved first place in three out of four tasks in the challenge, granting us the privilege to publish and present our findings at the CLEF 2025 Conference.
- The full paper can be read here and the challenge award my group and I received can be seen here.

Bachelor's project - Relative Welding Formation Assessment Based on Sets of Current and Voltage Data

- In partnership with Migatronic and their CoWelder system, this project involved data mining and machine learning methods to forecast welding patterns prone to defects. This process involves initial data preprocessing, encompassing data cleaning and feature extraction. The extracted features are subsequently utilized to build a decision tree classifier. This collaboration gave me valuable insights into how AI solutions can be tailored to address specific customer needs and significantly improve efficiency in an industrial workplace.

Analysis and Implementation of OCR tools

- As part of my student developer role at ZeBon, I was tasked with optimizing the OCR tool used to extract key information, such as prices and dates, from invoices and receipts. To address this, I conducted an evaluation of multiple OCR solutions, including the feasibility of developing an in-house tool to reduce reliance on external providers. The project concluded with the identification of an OCR solution that was more cost-effective, faster, and significantly more accurate than the existing setup.

EDUCATION

Software (MSc in Engineering) Sep. 2023 – Jun. 2025
Aalborg Universitet Aalborg, Denmark

Software (BSc in Engineering) Sep. 2020 – Jun. 2023
Aalborg Universitet Aalborg, Denmark

Associate Degree (1st year) Aug. 2018 – Jun. 2019
West Valley College Los Gatos, California

High School Aug. 2016 – Jun. 2018
Los Gatos High School Los Gatos, California

SELECTED COMPETENCIES

Web development
Typescript (React / Next), HTML / CSS, REST API

Deployment and CI/CD
Docker, Azure DevOps / Bicep, Github Actions

Object Oriented Programming
C#, C++

Project Management
Git, Scrum, Jira

AI and ML
Python, Hugging Face, PyTorch / Tensorflow, MLFlow

Agentic Development
Claude Code / OpenCode, subagents, skills, MCPs