

Mads Bjerregaard Andersen

Software Engineer

Address

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Contact

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Skills

Elixir, Node.js, Java,
C#, Python, SQL,
PostgreSQL, NoSQL,
MongoDB,
Elasticsearch, Redis,
Unix, Git, Hadoop,
REST, Docker,
Kubernetes, AWS,
Pulumi, DevOps,
Microservices

Languages

Danish
English

Summary

Software engineer with a mindset for solving challenging problems. Main skills are solving problems, and learning new paradigms and technologies. A project will catch my attention if it involves some of my professional interests: Functional programming, parallel and scalable systems, designing simple and robust systems, automation, DevOps.

Experience

- 2021 - Now **Senior Software Engineer** [Good Monday](#)
Most of my work has been on the backend where one of the features I have built is a calendar system that was made from scratch. Since the team is small I have taken ownership of the infrastructure and improved it with more automation. The backend is written in Elixir and the infrastructure is based on AWS..
- 2017 - 2020 **Infrastructure Engineer** [GAN Integrity](#)
The first year and a half I worked on the backend for the Campaign and Training module. The existing product was unstable and the company wanted a complete rewrite using a relational database. The work involved introducing a PostgreSQL database and migrating existing non-relational data into relational data. A year ago I changed role to devops engineer where I automated pipelines and build tools that helped productivity for the other developers in the company.
- 2015 - 2017 **Software Engineer** [Falcon.io](#)
Developing and maintaining the backend services of the Engage product. This involved moving the project out of a monolithic service and rewriting it into a new and improved microservice architecture. The product handles millions of messages from social media networks that are stored in a way so the users of the platform have access to their conversations in milliseconds to which they can act on.
- 2013 - 2015 **Software Engineer** [Eniro](#)
Developing and maintaining a web crawler and a web scraper. The web crawler involved running a Hadoop cluster system that fetched millions of web pages every day. The web scraper automatically identified and extracted entities from the web pages that were fetched by the web crawler.

Education

- 2011 - 2013 **Master of Science in Information Technology** [IT-University of Copenhagen](#)
Majoring in Software Development and Technology.
Thesis: Parallel implementation of SISAL on the JVM
- 2008 - 2011 **Bachelor of Science in Information Technology** [IT-University of Copenhagen](#)
Majoring in Software Development