

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

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|-------------|--|-------------------------------|
| 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.. | |
| 2020 - 2020 | Senior Software Engineer | Proper |
| | Optimized the CI/CD pipeline and worked on integrating e-conomic into their platform. | |
| 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

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| 2011 - 2013 | Master of Science in Information Technology | IT-University of Copenhagen |
| | Majoring in Software Development and Technology.
<i>Thesis: Parallel implementation of SISAL on the JVM</i> | |
| 2008 - 2011 | Bachelor of Science in Information Technology | IT-University of Copenhagen |
| | Majoring in Software Development | |