

Mads Bjerregaard Andersen

Software Engineer

Address

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Contact

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Skills

Node.js, Java, C#,
Python, SQL,
PostgreSQL, NoSQL,
MongoDB,
Elasticsearch, Redis,
Unix, Git, Hadoop,
REST, Docker,
Kubernetes, AWS,
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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|-------------|---|---|
| 2017 - Now | Backend Engineer / DevOps Engineer
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. | GAN Integrity |
| 2015 - 2017 | Backend Engineer
Developing and maintaining the backend services of the Engage product. This involved moving the project out of a monolithic service and rewrite it into a new and an improved microservice architecture. The product handles millions of messages from social media networks which are stored in a way so the users of the platform have access to their conversations in milliseconds to which they can act on. | Falcon.io |
| 2013 - 2015 | Software Developer
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. | Eniro |
| 2010 - 2012 | Programmer (Part time)
Data visualization and electronic health records. In the project my main responsibility was to develop an integrated development environment that would let non-technical users create their own programs. | IT-University of Copenhagen |
| 2010 - 2010 | Teaching Assistant
Course: Systematic Design of User Interfaces. | IT-University of Copenhagen |
| 2006 - 2006 | Recruit | DANILOG |

Education

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| 2011 - 2013 | Master of Science in Information Technology
Majoring in Software Development and Technology.
<i>Thesis: Parallel implementation of SISAL on the JVM</i> | IT-University of Copenhagen |
| 2008 - 2011 | Bachelor of Science in Information Technology
Majoring in Software Development | IT-University of Copenhagen |
| 2003 - 2006 | High school | Frederiksborg Gymnasium |