



martinmadsen

software developer, me@martinbjeldbak.com

about

melbourne
australia

32 years old
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languages

danish, english

programming

Golang, Python
GitHub Actions
Ruby on Rails
SQL, Docker
AWS, GCP
L^AT_EX, HTML, Git
JavaScript, Python
OS X, Unix

interests

continuous delivery
machine learning
devOps
architecture
web development
self-hosting



experience

- since 2020 **Software Engineer** ANZ Bank, Melbourne, Australia
Working on ANZ Plus as software engineer. I am responsible for designing, implementing, & maintaining infrastructure, microservices, DevSecOps pipelines, mainly using GitHub Actions and Golang. I work with architects, tech leads, and security team members to deliver features that support the bank across a multitude of areas. Since starting, I have worked in two core teams.
- 2016–2020 **Lead Software Developer, Backend** NetEngine, Brisbane, Australia
Ruby on Rails software developer working with consultancy clients to build web-based systems across many different industries, from finance to flood mapping. I worked on setting up infrastructure in AWS to building GraphQL Rails APIs. I also partook in non-technical activities, such as business planning, training new backend developers. Clients include Apollo Motorhome Holidays.
- 2012–2014 **Student Software Developer** Falck Healthcare a/s, Aalborg, Denmark
Development of Ruby on Rails-based system used daily by ca. 40 of Falck's physiotherapists to journal their patients' treatments and wellbeing.

education

- 2014–2016 **M.Sc.** in Computer Science Aalborg University (AAU), Denmark
Majoring in Computer Science (120 ECTS)
Specializing in Machine Intelligence
- 2014–2015 **Studying abroad** University of California, San Diego (UCSD), USA
Fully accredited as part of the first year of my master's degree from Aalborg University
- 2011–2014 **B.Sc.** in Computer Science Aalborg University (AAU), Denmark
Majoring in Computer Science (180 ECTS)

projects

- since 2024 **Shotta**  / martinbjeldbak/Shotta
World of Warcraft addon to take screenshots at user-defined intervals. Written in Lua. 1500+ downloads.
- since 2022 **Self-hosted**  / martinbjeldbak/self-hosted
Open-sourced my local docker-compose configuration running on my home server.
- 2016 **A Hierarchical Tree Distance Measure for Classification** thesis.pdf
Concluded my M.Sc. degree. Published in Proceedings of the 6th International Conference on Pattern Recognition Applications and Methods - Volume 1: ICPRAM 2017, pages 502–509