martinmadsen
software developer, me@martinbjeldbak.com

about
melbourne
australia

29 years old
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languages
bilingual
Danish/English
IELTS score: 8.5

programming
Ruby on Rails
Golang
Heroku, AWS (EC2,
RDS, ECS, S3), SQL
GitHub Actions
LaTeX, HTML, Git
JavaScript, Python
OS X, Unix

interests
continuous delivery
machine learning
devOps
TDD, functional
programming
service oriented
architecture
web development

experience

since 2020	**Software Engineer**	ANZ Bank, Melbourne, Australia

Working on ANZ Plus as software engineer embedded in an integration services team. I am responsible for implementing & maintaining DevSecOps pipelines for feature engineers and developing microservices, mainly using GitHub Actions and Golang, respectively.

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, etc. Clients included 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

2015	**XQuery Processor**	UC San Diego, / martinbjeldbak/xquery-processor

Implemented a subset of the XQuery and XPath XML query languages in Java

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