

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
L^AT_EX, 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.

2010–2014

Founder

Divambu (shut down)

Ran my own small company developing and hosting web sites for clients.

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)

2008–2011

Student

EUC Nord - Technical Gymnasium of Hjørring, Denmark

Focus in physics and engineering

other activities

2013–2014

Student member of the Study Board

Aalborg University (AAU), Denmark

Elected position. Handling of educations within Computer Science curricula at the university, quality assurance of education, handling of exemptions, etc.

projects

2015

XQuery Processor

University of California, 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

martinbjeldbak.com/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