martinmadsen
software developer, me@martinbjeldbak.com

about
melbourne
australia

32 years old
+61 413 043 210
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languages
danish, english

programming
Golang, Python
Protocol Buffers,
gRPC
GitHub Actions
Ruby on Rails
SQL, Docker
AWS, GCP
LaTeX, HTML, Git
JavaScript, Python
OS X, Unix

interests
continuous delivery
machine learning
devOps
architecture
web development
self-hosting

other
Australian permanent
resident

source
 / martinbjeldbak/cv

experience

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

Working on ANZ Plus as software engineer. I have worked in multiple core teams at ANZ, initially focused on DevSecOps, then transitioning to data engineering in 2023. I work with architects, tech leads, and security team members to deliver features that support the bank across a multitude of areas. Main technologies used are Golang and gRPC, GitHub Actions, GCP services such as Dataflow, Pub/Sub, BigQuery, Spanner, and Cloud Run.

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 2025	**home-ops**	/ martinbjeldbak/home-ops

running a 3-node Kubernetes cluster at home in a home lab, supporting media streaming and other workloads using Flux, Cilium, cert-manager, Renovate

since 2024	**Shotta**	/ martinbjeldbak/Shotta

World of Warcraft addon to take screenshots at user-defined intervals. Written in Lua. 1500+ downloads.

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