

Benjamin William Mezger

Personal Data

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About Me

I am a driven individual highly motivated in writing well-designed software and helping the team grow together. I have strong experience refactoring large codebases, handling hard deadlines, following software's best practices, and learning new technologies. I have a strong background in cultural adaptability from working and living in different countries and remote and office experience. I pursue a Bachelor in Computer Science, and I expect to graduate with my master's degree by the end of 2022.

Education

Nov 2020 <i>Current</i>	University of Vale do Itajai (UNIVALI) Master of Applied Computing in the field of computer architecture and operating systems for real-time embedded aerospace systems.
Jul 2020	University of Vale do Itajai (UNIVALI) Bachelor of Science: Computer Science Thesis title: A microkernel for the RISC-V Instruction Set Architecture

Work experience

Mar 2020 <i>Current</i>	Teaching internship at the University of Vale do Itajaí, Florianópolis <ul style="list-style-type: none">– Technical application for a class of Bachelor of Computer Engineering students, covering processes and threads, including IPC, semaphores and mutexes.
Oct 2018 Jun 2021	Software Engineer at Cheesecake Labs, Florianópolis <ul style="list-style-type: none">– Creating AWS cloud infrastructure for web applications and queue-based systems– Implementation of well designed RESTful HTTP APIs– Contributed to internal processes and tool development– Developed and maintained multiple large projects, from micro to monolithic services, with a variety of programming languages

Dec 2015 **Software Engineer at United Academic, Amsterdam (remote)**

Oct 2018

- Contributed to the development of an open-access library, built with Django, MongoDB, and an extensive infrastructure self-hosted at DigitalOcean
- Migrated a significant non-containerized architecture to a containerized web application with Docker, Travis, and Ansible
- Setup of automated build processes, tests, and deployments
- Managed and maintained a large database of distinct file types and user data
- Worked with a fully remote team

Languages

<i>Languages</i>	<i>Proficiency</i>
English	Bilingual
Dutch	Bilingual
Portuguese	Bilingual
German	Elementary
Spanish	Elementary

Technical skills

Programming Languages	Rust, Python, C/C++, Go, Assembly, Java, Javascript, Bash and Latex
Databases:	PostgreSQL, MySQL, SQLite, MongoDB and CouchDB
Operating Systems	Linux (Archlinux, Gentoo, Debian), FreeBSD and Mac OSX
Tools	Vagrant, Docker, Ansible, Terraform, Git
Services	Amazon AWS, Heroku, DigitalOcean, Scaleway, Jira, Github, Gitlab
Project Management	Kanban, Scrum, Agile development, etc.