

JOÃO VILAÇA

DevOps/Software Engineer
1998-06-30 ◇ Braga, Portugal

(+351) 964350755 machadovilaca@gmail.com

Find me as *machadovilaca* on all Social Media: [in](#) [G](#) [V](#) [f](#)

WORK EXPERIENCE

DevOps Engineer, Seegno *September 2019 - Present*

Responsible for infrastructure management using platforms as a service, namely AWS. Using Kubernetes to manage many applications running under a microservices architecture and automating all deployment processes with GitLab's CI/CD. Also working on investigating new helpful technologies providing logging, tracing and analytics to both DevOps and Development teams.

Software Engineer, Imprensa Nacional - Casa da Moeda *September 2018 - September 2019*

Working at the Digital Security Solutions Unit creating e-Gov solutions, e-ID products and digital solutions with focus on authentication, proof of identity and secure transactions. (Java, Thymeleaf, MariaDB, JavaScript, Jira)

Freelance Web Developer, Healthium – Healthcare Software Solutions (Startup) *June - September 2018*

Developed new features on the Nutrium software. Improvement of core features like the meal planning and redesign of the appointments management dashboard. (Ruby on Rails, PostgreSQL, JavaScript, Trello)

2 DevOps Summer Internship, Eurotux Informática *Summer 2018, Summer 2017*

- Created 2 new plugins for OPNsense Firewall, [Add email-config-backup](#) and [Add IP support to ProxyUserACL](#)
- Developed a service with Go for developers to directly access a Docker container via SSH (where their own development branch is deployed), running in any EC2 machine on a given ECS service, using the AWS SDK
- Fixed a Segmentation Fault in the NGINX Cache Purge Module
- Physical server installation and virtualization setup (VMware ESXi) at SABSEG offices in Braga

EDUCATION

Integrated Master Degree in Computer Software Engineering (4th year) *September 2016 - Present*
University of Minho, Braga, Portugal Grade: 15.19/20

Activities Class Delegate, Academic Newspaper, Students Association, ESN colaborator

Bachelor's degree in Informatics Engineering Sciences *September 2016 - July 2019*
University of Minho, Braga, Portugal Grade: 15/20 (B on ECTS Scale)

STRENGTHS

Skills	Software Development and Management, DevOps, Team Management, SysAdmin
Languages	Java, JavaScript, Go, C/C++, PHP (Laravel), Ruby (Rails), Haskell
Technologies	Kubernetes, Git, Jira, AWS, Linux, NGINX, Apache, ELK Stack, CI/CD LaTeX, Trello, SVN, Notion
Personal	Critical and Logical Thinking; Self-criticism; Leadership; Communication; Perseverance; Writing Experience; Organization; Motivation; Commitment;

VOLUNTEER EXPERIENCE

Secretary (board of administration) *September 2018 - Present*
CeSIUM - University of Minho Computer Engineering Students Center *Braga, Portugal*

Department of Communication Co-director (c-suite) *September 2017 - September 2018*
CeSIUM - University of Minho Computer Engineering Students Center *Braga, Portugal*