

José Maia

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Experience

Professional Experience

- Dec 2023 - **Senior Platform Engineer**, *Critical TechWorks*
Platform engineering duties in a multi-cloud platform team for BMW projects.
- Dec 2021 - **Scrum Master / Senior Platform Engineer**, *Critical TechWorks*
Dec 2023 Building and leading as Scrum Master a platform team for BMW in a large-scale AWS context.
- Aug 2018 - **Platform Engineer**, *Critical TechWorks*
Dec 2021 Platform engineering work as a support for multiple teams in different contexts (internal and with BMW), with emphasis on DevOps culture in the company.
- Jan 2016 - **Software Engineer**, *NumbersBelieve*
Aug 2018 Full-stack developer, DevOps & 2nd line support, working on a PaaS platform for development of business applications.

Public speaking

- Nov 2024 **SEA:ME program kickoff**, for CTW socials
- May 2022 **CTW Roles — IT Paladin**, for CTW socials
- Feb 2021 **Don't be afraid of CSI**, at HashiCorp event HashiTalks 2021.
- Sep 2017 **Azure Templates for Consistent Deployment**, for NetPonto, at Farfetch.
- Jul 2015 **Crowdsourcing service for cellular and WI-FI coverage information**, for RTCM, at INESC TEC.

Mentorship & Teaching

- 2025 **SEA:ME Portugal**, team mentorship in a "master's degree" program with a partnership between CTW and 42 School Porto
- 2025 **CTW Platform Academy**, participation in onboarding of new company members in a 'bootcamp' format.

Education

- 2009–2015 **Master's in Networks and Information Systems Engineering**, *DCC/FCUP*, Universidade do Porto, 14/20 (B)

Certifications

- 2017-2019 Microsoft Specialist: Developing Microsoft Azure Solutions
- 2021 Professional Scrum Product Owner™ I (PSPO I)
- 2022 Professional Scrum Master™ I (PSM I)

2023-2026 AWS Certified Solutions Architect – Associate
2023-2025 FinOps Certified Practitioner
2025-2027 CKA: Certified Kubernetes Administrator

Skills

Infrastructure **Containers** (Docker/Kubernetes); **Cloud Platforms** (AWS/Azure); **Observability** (Grafana stack); **Automation** (Terraform/Ansible); **Networking** (cert-manager, nginx, X.509/HTTPS, DNS...); **DevSecOps** (OIDC/OAuth, Kyverno, Vault, External Secrets Operator)

DevOps **Coding & Automation** (Ansible/Bash/Python); **CI/CD** (Jenkins, GitHub Actions...); **GitOps** (ArgoCD);

Other **Documentation** (Swagger/OpenAPI, Confluence, Markdown); **Problem Solving** (including experience on-call 24x7); **FinOps**; **Scrum**; **Communication** (Presentations, Talks, Workshops)