

Renaud ANGLES

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Accomplished DevOps Professional with strong experience in designing, deploying, and maintaining self hosted applications suites. Proven expertise in containerization, CI/CD pipelines, infrastructure automation, and continuous delivery using tools like Kubernetes, Docker, Terraform, Ansible, GCP, and GitLab. Demonstrated ability to convince teams in DevOps philosophy, and deliver solutions that significantly improve system performance and reliability. Committed to continuous learning and staying abreast of emerging technologies in the IT industry.

Working Experience

DevOps Engineer @ FreePro **2022-2024**

Migrated code base from Gitea to Gitlab (20+ projects, 100+ users, 15k+ PR history).
Designed and deployed CI strategy, lint for PHP, Node, Python, Perl. Integrated SonarQube for bugs, CWE and code smells detection.
Containerized FastAPI and Symfony apps.
Co-developed an automated tests platform based on Cypress + Docker API for QA testers.

DevOps Engineer @ Som Calcul (Ortec) **2019-2024**

In a local agency with stand alone Python apps, I joined a team of 4 persons with a mechanical engineering skills, to industrialize and grow their IT.
Setup of an Azure DevOps organization, formal training of the team (JavaScript/Node/VueJs, Python Flask, HTTP protocol and RESTful approach, PostgreSQL).
Designed the app suite (SSO, 10+ containerized apps, Docker Swarm cluster) and proposed a Scrum organization for the project.

Frontend and QA Engineer @ Jam.gg **2019-2020**

As an early team member, I joined to strengthen the Dev and QA teams in a Y Combinator accelerator program
Implemented an in game video chat based on Amazon Chime
Designed and deployed automated tests to measure video game streaming performances, and video and audio chats synchronization and communication between different browsers, based on Nightwatch and TestRTC.

CTO @ Nucleotic **2018-2020**

As a co-founder, I had to design and engineer the whole web app for medical doctors.
Designed and developed the diagnostic and analysis process based on two open databases for the disease and drug interactions auto-detection.
Integrated automatically public French drugs database.
Handled and deployed three major versions, GDPR topics, early adopters support

Education

Doctorate in computer science @ Aix-Marseille Université **2012-2015**

Dissertation : "V-BPMI : Approach to conception, organization and Fit flexible processes. : Practice case : Medecine circuit securing in AP-HM"

Master in computer science and management @ Aix-Marseille Université **2010-2012**

Master MIAGE (Méthodes Informatiques Appliquées à la Gestion d'Entreprises) in the Economy and Management University

Publications

- "Adaptation dynamique de processus métier. Application au circuit du médicament à l'AP-HM", ISI, 2014
- "Modélisation, configuration et exécution de processus flexibles. état de l'art : analyse critique et propositions pour une gestion aboutie de processus flexibles", ISI 2014
- "V-BPMI: A variability-oriented framework for web-based business processes modeling and implementation", IEEE 7th International Conference RCIS - 2013
- "Adaptation dynamique de processus métier", IEEE Inforsid - 2013
- "Dynamic adaptation of business process models", SERP - 2013