Thomas Martin

DevOps & Cloud Engineer / Solution Architect

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○ AppliNH 🔗 Online CV 📍 Paris, France 🚩 French

Skills

Kubernetes
CKA Certified

Cloud : AWS & Azure
AZ-900 Certified

Back-End
Go, Python, NodeJS with TypeScript

Front-End (Web & Mobile)
React, NextJS, Flutter, React Native

Solution Architecture
Event Driven, Cloud Native, Internal Developer Platform

Software Architecture
Clean Architecture, DDD, SOLID

DevOps tools
Ansible, Terraform, Packer, Jenkins, Docker

Product & Project Management
Market Study, Project definition, Architecture, Team Leading, Planning, Scrum

Professional Experience

DevSecOps Architect, *Respond.io* ↗
07/2023 – 01/2024 | Kuala Lumpur, Malaysia

- **In charge of the tooling strategy** to enhance platform's availability (AWS scale-in, scale-out and deployment strategies)
- **Spearheaded cloud cost optimization initiatives**, reducing monthly expenses by 10%
- **Architect of the IAC strategy** (Terraform, GitOps) enabling scalable and consistent deployments
- **Responsible for the platform security strategy**, focusing on audit logs and threat modeling

Project Leader & Solution Architect, *Hara* ↗
09/2022 – 09/2023 | Strasbourg, France

Architect and Project Manager on a CRM project intended for non-profits, leading a team of 3 developers.

- **Led product development** by conducting business, marketing, and functional analysis to define the roadmap.
- **Established tech golden paths** and built a dev-friendly platform accelerating TTM while ensuring a secure and reliable solution.
- **Mentored junior developers on software engineering principles** (DDD, TDD, SOLID, CI/CD), which elevated the overall quality of backend services.
- **Designed a cost-effective and reliable AWS infrastructure** using React, Node.js, MongoDB, Docker, and Kubernetes.

DevOps & Cloud Engineer, *Amadeus* ↗
03/2022 – 07/2023 | Strasbourg, France

Responsible for the app deployment strategy, Azure migration, and driving a team shift to develop reliable system-oriented tooling.

- **Spearheaded the Ansible project** and **Managed the migration from Tower to AWX**, cutting costs and enhancing automation flexibility.
- **Led the design and development of Deployment-as-Code solutions**, reducing deployment times and ensuring consistency.
- **Led a team-shift to develop reliable system-oriented tooling**, reducing toil and maintenance lead time.
- **Provided cloud architecture guidance** during a major Azure migration, reducing risks and ensuring best practices.

Solution Architect Consultant (Web/Mobile/Ops), *Primitivo* ⧉
08/2021 – 03/2022 | Strasbourg, France

Responsible for both Dev & Ops strategy to improve products' (web & mobile) reliability in terms of availability, costs and maintainability.

- **Improved performance and maintainability** of a legacy Ruby on Rails app with TDD and Hexagonal Architecture.
- **Led the migration** from native Android & iOS apps to a unified Flutter codebase, **speeding up releases**.
- **Prototyped cloud deployment strategies** with automated CI/CD, improving deployments efficiency and reliability.
- **Modernized infrastructure management** using Ansible, Terraform, and Packer for better consistency.

Co-Founder | CTO, *Primitivo* ⧉
09/2019 – 08/2021 | Strasbourg, France

Project manager & FullStack developer on various application projects, targeting students and bars in Strasbourg.

- **Led the products development with a tailored methodology,** and a roadmap aligned with customer needs, that **allowed us to ship 3 products into beta phase in less than 6 months**.
- **Actively participated in software design and implementation decisions** to ensure code's approachability and fasten releases lifecycle.
- **Designed and maintained the developer platform** to allow to safely develop, test and ship features.
- **Designed a cost optimized AWS architecture** while taking into account scale-in to ensure the best reliability at the lowest cost.

R&D Engineer, *Divalto* ⧉
09/2018 – 09/2021 | Strasbourg, France

- **Design and implementation of cutting-edge features** on a legacy ERP project.
- **Work on synergies** between the ERP and external payment services (PayPal, PayZen, Mollie, etc).
- **Architecture, design and implementation** of a complete solution involving an Outlook add-in that allows to to interact with the ERP remotely.
- **Configuration and development** (from scratch) of a complete Jenkins CI/CD (Cloud + onPremise).

Education

Software & System Engineer, *UTBM* ⧉
09/2018 – 09/2021 | Belfort, France

[Official French Engineer Degree]
Obtained along an apprenticeship experience.