Alan Mecheraf

DEVELOPER/DEV OPS

コンタクト

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概要

STEM分野に見識が深く、当分野においては常に向上心と情熱を持って見聞を深めている。 IT業務の傍、趣味で日本語を学んでおり、フランス語、英語、日本語の言語交換会を毎週実施するGengoffeeという非営利団体を発足し、運営している。

スキル

- Azure, AWS, Docker, Kubernetes, Git
- Angular, Swift, NodeJS, Django
- Powershell, Typescript, Python
- SQL, MySQL, PostGreSQL
- SwiftUI, Flutter

言語

フランス語 - 母国語

英語 - 上級

日本語 - 中級

趣味

ハンドボール, チェス, 音楽 (ピアノ), 読書, ビデオゲーム

旅行 （ヨーロッパ, アジア, アフリカ, オーストラリア)

資格

- 2021 - 2023 – ETNA, パリ
  MASTER'S DEGREE SOFTWARE ARCHITECT & APPLICATION'S DEVELOPPER
- 2019 - 2021
  BACHELOR'S DEGREE APPLICATION'S DEVELOPER
- 2021
  MICROSOFT CERTIFIED AZURE FUNDAMENTALS AZ-900
- 2022
  MICROSOFT CERTIFIED AZURE FUNDAMENTALS IA-900

経験

- 2022年8月 - 現在
  Freelance -DevOps/Developer
  パリ・フランス
  - Web Application's conceptualisation and development, increasing the customers by 20%.
  - iOS Mobile Application's conceptualisation and development
  - Deployment and maintenance (Azure, Serverless)
  - SEO and data protection officer

- 2021年9月 - 現在
  President
  Gengoffee, パリと東京
  - スケジュール管理と2つチームマネジメント（12名と6名）
  - パリと東京で文化•ソーシャルイベント開催（年間参加者3,200名）
  - 東京のイベントの拡大 (2024/2025)

- 2021年11月 - 2023年10月
  DevOps/Developer infra
  GAZELENERGIE, パリ
  - Application and SAAS solution's deployment
  - Infrastructure script's conceptualisation, automatisation and development, increasing productivity by 15 to 30%.
  - Linux server's admin system

- 2020年10月 - 2021年10月
  Fullstack Developer
  GAME OFF & Oishi Market, パリ
  - E-commerce and web solution development
  - Conceptualisation and development of script for the retail, increasing the shipment preparation by over 20%.

- 2019年9月 - 2020年10月
  Web Developer
  DDM Prod, パリ
  - E-commerce solution's development
  - Infrastructure script development

Mobile application : Swift, SwiftUI, NodeJS, Azure, GitHub
Mobile, DevOps, Backend developper
Gengoffee | 2024-2025, France & Japan

To support in a better way the growing events in Paris reaching often 100 attendees and the expansion to Tokyo in 2024, new needs for the organisation emerged from both teams. To satisfy these needs, a mobile application have been designed :

- Conception of the solution to satisfy the teams' needs as best as we could
- Update of the API (NodeJS) to adapt to the new needs for both mobile and web applications, mainly for the events, registers and attendees managements for the organisers.
- Development of the mobile application (Swift/SwiftUI)
- In charge of an intern for a 2 months internship to teach him mobile and back end development

This application provides a better attendees' check-in and event's attendees management. Improving the working conditions, reducing the organisers' stress, thus the better attendees' management provided an increase of the manageable attendees' maximum capacity.

Infra deployment and scripts : Bash, Powershell, Azure Automation, Docker, Azure Container Service
Infra developper, DevOps
GazelEnergie | 2021-2023, France

In a context of recurring tasks done by differents services of the company (HR, bills, analyst, sales, ...), a bunch of powershell scripts have been conceived :

- Requirements analysis, conception and modelisation of the solution with the implicated service's manager
- Development and test of the script in a dev environment signle handly. Either in Powershell or Bash, in windows and/or linux environment.
- QA test phase and deployment in production with the infra manager and project manager of the service.
- Task automation through Runbooks Azure Automation and writting of the documentation

A total of more than 25 scritps have been created and developped and automated to help 7 differents services in the company. An warning system have been implemented to mail the different teams and the IT service for each script if anything wrong would happen (server error, wrong file type, wrong encryption key , ...), and an archive system have been made to store handled files.

Beside the scripts, to support both developpers and data analyst teams in their functions, I was in charge of application deployment (through Docker and Azure Container Service) :

- Requirements analysis and costs estimation with the infra manager and the Dev/Data Analyst team.
- Development and test of the solution in Dev and QA environment single handly
- Deployment and supply of the solution with the infra manager and the according team (Dev/Data analyst) in production

The deployments provided a better costs savings for all of them (up to 20 times cheaper sometimes) compared to the team's previous solutions.

Web Application : Angular, NodeJS, GitHub, Azure, OVH, Google Analytics
Web & Backend developper, DevOps
Gengoffee | 2022-2025, France

While the Gengoffee Organization's events in Paris grew bigger and bigger, they decided to order a website in order to build a professionnal images and to have their own register platform free from social networks :

- Conception of the solution and exchanges with the UI/UX designer to create the model.
- Conception and development of the SQL model and NodeJS API to manage events, registrations and users' datas.
- Development of the Front End : an user's front end part (Home, contact, registration, ...) and a back office for the organisers (to create or manage events, registrations managment, login, ...).
- Deployment of the web application on Azure and branching/CI/CD on GitHub. Texts writter and SEO of the website.
- In charge of an intern for a 2 months internship to teach him web and back end development

The web application provides 20% of the registrations of Paris' events and up to 10% of Tokyo's events , it simplify the organisers management with mail automatisation towards the registers, a better registers management to simulate queue and provides a better cover on internet for the association in both France and Japan.