

Alan Mecheraf

DEVELOPER/DEV OPS

Contact

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About me

As a great lover of sciences and with a very serious mindset for my work, I always strive to learn as far as possible in a domain. Besides my IT career, I'm leading a French and Japanese association in Paris and Tokyo : Gengoffee.

Skills

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

Languages

French - Native

English - Fluent

Japan - Intermediate

Hobbies

Handball, chess, music (Piano), books, video games

Travels (Europe, Asia, Africa, Australia)

Education & Certifications

- 2021 - 2023 – ETNA, Ivry sur Seine
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

Experiences

- August 2022 - Now
Freelance -DevOps/Developer
Paris, France
 - 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
- September 2021 - Now
President
Gengoffee, Paris & Tokyo
 - Scheduling and managing two teams (12 and 6 persons) in Paris and Tokyo
 - Organizing cultural and social events in Paris and Tokyo for a total of 3200 attendees/year
 - Expansion of the events in Tokyo (2024/2025)
- November 2021 - October 2023
DevOps/Developer infra
GAZELENERGIE, Courbevoie (92)
 - Application and SAAS solution's deployment
 - Infrastructure script's conceptualisation, automatisisation and development, increasing productivity by 15 to 30%.
 - Linux server's admin system
- October 2020 - October 2021
Fullstack Developer
GAME OFF & Oishi Market, Paris
 - E-commerce and web solution development
 - Conceptualisation and development of script for the retail, increasing the shipment preparation by over 20%.
- September 2019 - October 2020
Web Developer
DDM Prod, Paris
 - E-commerce solution's development
 - Infrastructure script development

Some projects



Mobile application : Swift, SwiftUI, NodeJS, Azure, GitHub

Mobile, DevOps, Backend developer

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 has been designed :

- Conception of the solution to satisfy the teams’ needs and some ideas to simplify the organisation
- 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 by 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

The application provides a better check-in system and event’s attendees management. Improving the working conditions and reducing the organisers’ stress. Thus, the simpler management provided an increase to the maximum capacity of the manageable attendees.



Infra deployment and scripts : Bash, Powershell, Azure Automation, Docker, Azure Container Service

Infra developer, 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 a 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. A warning system has 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 has 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 developer, DevOps

Gengoffee | 2022-2025, France

While the Gengoffee Organization’s events in Paris grew bigger and bigger, they felt the obligation to make a website in order to build a professionnall images and to have their own register platform free from social networks :

- Conception of the solution and communication with the UI/UX designer to build the design.
- 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 automatisisation towards the registers, a better registers’ management to simulate queue and provides a professionnall cover on internet for the association in both France and Japan.