

SENIA Alexandre

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Nice, France

BACK-END DEVELOPER & DEVOPS | 7 YEARS OF EXPERIENCE

Software Architect and DevOps Engineer with experience in Python, Javascript and Kubernetes. Responsible for architecture, development, and production of medical software solutions in **pharmaceutical industry**. Maintains and enhances the CI/CD processes, ensures stable production systems, and implementing cloud computing solution.
Certified JSNSD, CKAD and LFCS.

SKILLS

Python (FastAPI/Flask)	Bash	ElasticSearch
Javascript (NodeJs/ReactJs)	CI/CD	SSO (FranceConnect)
MariaDB	Docker	Azure
Redis	Kubernetes	Vault

PROFESSIONAL EXPERIENCE

ExactCure

Nov 2019 - Present

IT Technical Leader | Back-end Developer / DevOps

Predictive pharmacokinetic and pharmacodynamic simulation for B2B and B2C clients. Expertise in managing IT infrastructure and production environments. Design, development, and deployment of software architected with a microservices approach. Provisioning and maintenance of virtual machines created via IaaS solutions. Administration of servers, k8s clusters, databases, and monitoring tools. **References available upon request.**

Back-End Developer - Design and development of software:

- **REST APIs, CRUD operations, database migration scripts, integration and unit testing (Python/FastAPI, Php/Laravel, SQL MariaDB)**
- Executable scripts (**Bash, Ubuntu, CentOS**)
- Integration of external APIs for **SSO** connections and consuming data from partners
- Email templates and graphical interface design (**Tkinter, Laravel Blade, Bootstrap**)

DevOps - Deployment, provisioning, and maintenance of IT infrastructure:

- CI/CD Pipelines (**Bitbucket**)
- SaaS resources (**Azure, Linux Ubuntu VMs, Vnet, DB...**)
- Microservices cluster and cloud computing (**Kubernetes, Helm**)
- Cloud-hosted and back-office tools (**ELK Stack, K8S Agents, Vault, HelmChart, Nginx, Wordpress**)
- Docker images (**Docker, Docker Compose, DockerHub**)

Avisto

Dec 2017- Nov 2019

Full-Stack Developer

Fields: Geolocation, banking, industrial automation, CRM, customer loyalty

Back-End: Python/Flask, Node.js, JavaEE

Front-End: ReactJS, Tailwind, MaterialUI, Angular

DevOps: Docker, Docker Compose, Jenkins

EDUCATION & CERTIFICATIONS

ESIEE Paris - 2017

Computer Science Engineering

JSNSD, CKAD & LFCS certifications - 2024

Linux Foundation | [Badge Portfolio](#)

EXTRACURRICULAR ACTIVITIES

Codewars <https://www.codewars.com/users/KampFire>

Traveling/Hiking

Sports

DIY (IoT)

3D Printing