

Amnay Mokhtari

SOFTWARE ENGINEER - DEVOPS

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Skills

Development Python, C, Go, Java, Elixir, Javascript, Bash

Systems Docker, Kubernetes, AWS, GCP, Terraform, Ansible, InfluxDB, Elastic, MongoDB, Neo4J, Postgres, Redis, RabbitMQ, Nginx, HAProxy, Keepalived

Network TCP/IP, IPV6, Firewall, Open vSwitch, VLAN, Routing, DNS, DHCP, Cisco

Spoken languages English (TOEIC 935), French

Professional experience

SendinBlue

March 2018 - Now, Paris

- Tooling and API development in Go and Python
- Infrastructure Engineering, CI/CD, Migration to GCP

D2SI, mission at SagemCom

September 2017 - March 2018, Paris

- Designed and developed a serverless backend for an IoT network
- AWS Lambda, API GW, DynamoDB, S3, Kinesis, ElasticSearch..

Open Digital Education (apprenticeship)

August 2016 - September 2017, Paris

- Sysadmin, CI/CD, performance optimization
- Migrated all apps and databases to a new hosting provider

Open Digital Education (internship)

April - August 2016, Paris

- Major automation project: provisioning, configuration management, deployment
- Set up system monitoring and centralized logging

Technical Achievements

Database live migration solution in GoLang

- Hot migration of databases between MongoDB clusters
- Applications keep running seamlessly, with no service interruption

Fully-serverless solution for interfacing with IoT

- The API is in python (AWS Lambda + APIGW), all other services are fully managed AWS services
- End-to-end CI/CD, (Git, Terraform, Jenkins, Scripting)

Email sending API

- Written in Go, uses Elastic as a Datastore. Multi-tenant design
- Tracks open emails, hard/soft bounces

Education

Université de Reims Champagne-Ardenne

2015 - 2017, Reims

- Master of IT Systems and Security

Université de Tours François Rabelais

2012 - 2015, Tours

- Bachelor of Computer Science
- Erasmus exchange at Radboud University Nijmegen (Netherlands)