Amnay **Mokhtari**

SOFTWARE ENGINEER - DEVOPS

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Skills

Development	Python, C, Go, Java, Haskell, Elixir, Javascript, Bash
Systems	Docker, Kubernetes, AWS, GCP, Kubernetes, Terraform, Ansible, Puppet, InfluxDB, ELK, 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
- Tools and API development in GoLang and Python
- DevOps, CI/CD, Migrated apps to Google Kubernetes Engine

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, improved services' stability
- Migrated all services 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-migrate databases between MongoDB clusters
- Applications keep running seamlessly, without 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
- multi-environment 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)