

Labouardy. Mohamed

SOFTWARE ENGINEER

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"What you do today can improve all your tomorrows."

Education

University of Bordeaux

Bordeaux, France

MS. IN SOFTWARE ENGINEERING

Aug. 2014 - 2016

- Advanced OOP, System Design, Agile project management, MEAN Stack, JEE, Fonctional Programming

Mohamed V University

Rabat, Morocco

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2013 - 2014

- Algorithms, Data Structures, Complexiy Analysis, Compiler, OOP, Networking, OS, C/Java, Computer Architecture, UML

Experience

InterCloud

Paris, France

SOFTWARE ENGINEER

Oct. 2016 - Present

- Building API & Console to provision connectivity services to Cloud Service Providers as AWS, Azure, GCP, OVH ...
- Design & Implemented a high availability, distributed & fault tolerant system to monitor PoP (Latency, Jitter, Packets Loss, Availability).
- Presented training sessions about CI/CD & Kubernetes

Capgemini

Bordeaux, France

SOFTWARE ENGINEER INTERN

Apr. 2016 - Sept. 2016

- Developed front-end and back-end of CCVRP's web service.
- Implemented IoT (Internt of Things) Healthcare application for Hacking Health Camps (AquitHealth, Bordeaux I/O, VivaTech).
- Provided training sessions about Continuous Integration with Docker for a group of Software Engineers.
- Developed an Android application to visualize resumes for Pôle Emploi Department.

Capgemini

Bordeaux, France

SOFTWARE ENGINEER INTERN

Jun. 2015 - Aug. 2015

- Developed features and components for CCVRP's corporate website, to serve fast pages to more than 2 million unique visitors per year.
- Being part of the first team in France to run Docker in production.
- Developed Spring and Android app at the Innovation Department of Capgemini.

CNESTEN (National Center for Enery Sciences and Nuclear Techniques)

Rabat, Morocco

SOFTWARE ENGINEER INTERN

Feb. 2014 - Jul. 2014

- Developed cross-platform application to help researchers in solving complex atom equations using Monte Carlo method.

Projects

Dockerboard

Web UI to manage Docker containers/images and private registries, +100K pull on Docker Hub

DockerSwarm UI

Web UI to manage Swarm cluster, +50K pull on Docker Hub.

PAM QRCode Module

PAM Module to authenticate to your Linux/Solaris Machine using QRCode

Open Source Projects

Contribution to Netflix Hystrix, Docker Swarm, Docker Registry, Angucomplete, Istopo.

Daily Quotes

Android application, over 1500+ daily active users, available on the Play Store with 4.3 rating

Swarm Mode UI

Swarm Mode visualizer based on Docker Remote API.

Skills

Programming	Go, Node.JS, Java, Python, Bash, Spring Boot/Cloud
Web Development	Angular 1.x/2/4, MEAN Stack, LAMP Stack, CMS(Wordpress, Drupal)
Deployment	Docker, Kubernetes, Swarm Mode, Vagrant, VSphere, Heroku
CI	Jenkins, Travis CI, CodePipeline, CodeDeploy, CodeBuild, Ansible
Serverless	Lambda, API Gateway, OpenFaaS, Apex
AWS	S3, EC2, VPC, DynamoDB, RDS, IAM, EFS, Route53, CloudFront, SQS, SNS, CloudFormation, Beanstalk
Load Balancer	HaProxy, Nginx, ELB, Apache, Traefik, Kong
Monitoring	ELK, Telegraf, Collectd, Grafana, CloudWatch, Icinga2
Service Discovery	Consul, etcd, Eureka
Artifact Management Solution	Nexus, Artifactory, Google Registry, EC2 Registry
SCM	Git, SVN, Github, Gitlab, Bitbucket
Build Tools	Gulp, Maven, Gradle
Databases	MySQL, MongoDB, PostgreSQL, H2, InfluxDB, Redis, RabbitMQ
Tests	JUnit, PhantomJS, Selenium, Karma, Jasmine, Mocha, Sonar
Mobile	Android
ChatOps	Slack, Messenger, API.AI, AWS Lex
Agile	Scrum, Jira, Confluence
Languages	English, French, Arabic