

Gaith Mtiri



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Development, DevOps, Automation Consulting with strong analytic thinking, a problem solving approach and a team player, worked on several professional projects from the requirements gathering phase to completion.

Skills

- Process and Tasks Automation
- Architecture, Design and Deployment of CI/CD pipelines
- Virtualization and system administration
- Analysis and development of Web/Desktop applications

Technologies

- Python, Shell Scripting, JS
- NodeJS, Express, Seneca/SOA, MongoDB
- Ansible, Openshift, Kubernetes, Docker, Git, Vagrant, Jenkins, Ansible Tower, Jira, Terraform, Nginx, Apache2, AWS CloudFormation, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, AWS CloudWatch
- Linux (Redhat, Kali, Elementary, Mint, Ubuntu Server), Windows
- Openstack, Amazon Web Service
- Django/Django Rest, Flask, Gabarits
- SQL, PL/SQL, MySQL, Oracle 10g, Postgresql, Redis
- UML2, BPMN2, Design Patterns
- JQuery Mobile, Cordova, Responsive Design

Experience

APR. 2018 – PRESENT

DEVOPS CONSULTANT/Opticca Consulting, CANADA

Working as a Consultant for a set of clients, conducting multiple projects depending on their needs for a prefixed duration of time in order to import business value and solve technical problems or implementing innovative solutions that facilitates the reach of clients' goals. Expertise includes development, devops, automation, CI/CD pipelines, scripting, operations

JAN.2019 – PRESENT

Automation Consultant/Redhat @DesJardins, Canada

- Conception, Development, and Implementation of python scripts to consume EfficientIP's rest API (ipam,dns,..)
- Conception and Implementation of Ansible playbooks to automate provisioning and configuration of the process of creating GTM (DNS load-balancers) for oracle databases
- maintain and support Ansible tower's infrastructure
- Conception and Implementation of F5 load-balancers(LTM/GTM) migration solution between different firm-wares
- Conception and Implementation of Ansibles play-books/modules (Python) to collect data from GTM/LTM devices
- Conception and Implementation of Django web App to expose automation script via a REST API

Environment: Ansible, Ansible Tower, Python,Django RF, F5 BigIp, EfficientIP, Jenkins, Git

AUG.2018 – NOV.2018

Automation Consultant/Redhat @CN, Canada

- Implementing and supporting the adoption of De-vOps in several projects:
- Conception and Implementation of Ansible scripts to collect data and generate monthly reports
- Migration of monolithic application to microservices based architecture and deploying it on Openshift
- Conception and implementation of CI/CD pipeline for FrontEnd applications
- Conception and Implementation of Docker im-ages to facilitate the deployment process

Environment: Ansible, Ansible Tower, Docker,Openshift, GO, Jenkins, Git

MAI.2018 – AUG.2018

Network Automation Consultant/Redhat @DesJardins, Canada

- Automation of provisioning and configuration process of Network devices @DesJardins:
- Design of an Automation process to facilitate the creation and configuration of virtual-servers on F5 BigIP server specifically and DesJardins' network devices generally
- Design and Implementation of a High availability infrastructure to support the solution
- Design and Implementation of Ansible scripts to cover configuration scenarios and rollback cases
- Integrate CloudForms for clients usage
- Integrate a set of DevOps tools to implement a CI/CD process to deliver new features (Jenkins, Git, Jira..)

Environment: Ansible, Ansible Tower, CloudForms, F5 BigIP, EfficientIP, Jenkins, Gi

APR.2018

Automation Consulting (POC)/Videotron, Canada

- Automation of installation and deployment of SoftwareAG webMethods on Windows servers based environment.
- Design and implementation of a deployment script for SoftwareAG webMethods.
- Design and implementation of a script to deploy, configure and connect to remote Databases shared between multiples instances.

Environment: Ansible, PowerShell, SoftwareAG, Amazon EC2, Windows Server 2012, MySQL

FEB.2018–MAR.2018

Automation Engineer/Managys, Tunisia

- Automation of installation and deployment of Odoo ERP on Amazon Environment.
- Design and implementation of a deployment script for Odoo environment.
- Design and implementation of a script to install and update Odoo modules.
- Environment: Ansible, Bash Script, Odoo ERP, Amazon EC2, Postgresql

JUN.2017–AUG.2017

DevOps Engineer/Poulina Group Holding, TUNISIA

- Design and Implementation of an Automatic Deployment Pipeline on Amazon Cloud
- Provided an overview of the tools for implementing deployment pipelines.
- Implemented a Deployment Pipeline under Amazon Web Services (AWS).
- Injection of test cases into a database with Rollback in case of failure.
- Create the infrastructure including machines and the Pipeline via templates and the AWS API
- Migrate an application to a serverless Environment via AWS Lambda functions

Environment: Amazon CodePipeline, Amazon CodeBuild, Amazon CodeDeploy, Amazon CloudFormation, Amazon Lambda, Alexa.

OCT.2016–MAY.2017

DevOps Engineer/Poulina Group Holding, TUNISIA

- Design and Implementation of a Cloud Platform using Openstack
- Installing and configuring OpenStack on servers
- Automating the installation of OpenStack
- Design and implementation of an Application that allows the use of the Cloud
- Design and implementation of a micro-service that manages virtual machines, networks
- Design and implementation of a micro-service that represents a notification system
- Design and implementation of a micro-service that manages cloud users

Environment: HTML5/CSS3, NodeJS/ExpressJS/Seneca, OpenStack, KVM, Redis, Mysql, Ansible.

SEP.2016 – OCT.2016

Django Web Developer/Innova Power Concept, TUNISIA

- Design and realization of a Web application to monitor the exchange rates in the Tunisian banks
- Collection of data via banking sites
- Creation of comparison graphs Following changes in exchange rates

Environment: HTML5/CSS3/Gabarit, Python/Django, Python/Beautiful-soup-4/mechanize, PostgreSQL, Google charts

JUN.2016 – AUG.2016

Python Developer/Innova Power Concept, Tunisia

- Design and implementation of a Desktop application that ensures the traceability of products in a business
- Detect, retrieve and decode barcodes, Data Matrix and QR code Image (Bitmap, jpg, png ..)
- Create patterns for automatic product recognition

Environment: Python, Tkinter, Libdmtx, Postgresql

Education

2015 – 2018

Software Engineering / National School of Engineering ENIT, Tunisia

Software Engineering Student at the national school of engineers of Tunis, during a 3 years' curriculum, I studied Computer Programming, Computer systems analysis, computer architectures and worked on several academic and professional projects.

2013-2015

Preparatory Cycle for Engineering School / Preparatory School for Engineering Studies, TUNISIA

2 years Preparatory Cycle for engineering studies, where I studied an intensive course of mathematics, physics and computer sciences and sit for a national exam to access National Schools of engineering

Languages

- Arabic: native language
 - English, French: fluent (speaking, reading, writing)
 - German: Beginner (speaking, reading)
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Activities

- Member of the Executive Bureau of G2FOSS ENIT CLUB (OpenSource Club)
- Cyber Security Workshop's Leader @ G2FOSS ENIT
- IEEE ENIT SB active member
- Backpacker and a Scout Leader