



Elagas Amel

Cloud / DevOps Engineer |
Terraform | Jenkins |
Docker | AWS

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Address: Hammam Sousse, Tunisia
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DevOps & Cloud Engineer with expertise in CI/CD (Jenkins, Fastlane), IaC (Terraform), AWS, cost optimization (FinOps), and automation. Experienced in deploying scalable, secure, and efficient infrastructures and mobile DevOps processes.

EDUCATION

National Engineer's Degree in Teleinformatics

From 2019 to 2022

Higher Institute of Computer Science and Communication Technologies of Hammam Sousse (ISITCOM) Hammam Sousse, Tunisia

Honors: Good | Class Rank: 1st

Fundamental Bachelor's Degree in Computer Science and Telecommunications

From 2016 to 2019

Higher Institute of Information and Communication Technologies (ISTIC) Borj Cedria, Tunisia

Honors: Good | Class Rank: 1st

Diploma Blockchain

High School Diploma in Mathematics

2016

January 18th High School, Djebeniana Sfax, Tunisia

Graduated with Honors (Fair)

WORK EXPERIENCE

Cloud & DevOps Engineer

Since October 2022

iMaxeam IBM Premier Business Partner Sousse, Tunisia

- Designed, implemented, and maintained high-performance **CI/CD** pipelines to ensure smooth and secure continuous delivery.
- Automated end-to-end CI/CD pipelines with **Jenkins** and **Fastlane**, improving release speed by **40%**.
- Automated mobile app deployment, reducing manual errors by **90%** and delivery time by **50%**.
- Deployed and automated the publishing of mobile applications to Google Play and Apple App Store.
- Identified and proactively resolved mobile app security vulnerabilities (permissions, APIs, local storage, etc.).
- Leveraged **AWS** services (**S3**, **Route 53**) for artifact storage and DNS management, enhancing deployment efficiency and system scalability.
- Implemented advanced monitoring and logging solutions to ensure system observability and reliability.
- Enforced cloud cost governance using **FinOps** practices: regular audits, service optimization, waste reduction, and ROI improvement.
- **Achieved a 30% reduction in cloud costs through FinOps practices and AWS cost optimization tools.**

Engineering Internship: Final Year Project

From February 2022 to September 2022

iMaxeam IBM Premier Business Partner Sousse, Tunisia

- Implemented automated Infrastructure as Code (IaC) provisioning using Terraform for cloud environments.
- Modeled infrastructure as code with continuous testing and version control.
- Enabled on-demand deployment of reproducible, secure, and zero-downtime cloud environments.
- Developed an intuitive desktop application to automate AWS resource creation and destruction.
- Technologies: Terraform, AWS, ReactJS, Material UI, Node.js, ExpressJS, ElectronJS.

Technician Internship: Final Year Project

From January 2019 to May 2019

ComunikCRM Menzeh 7, Tunisia

- Implemented a complete VoIP solution based on Asterisk with a secure VPN server.
- Installed, configured, and administered the Asterisk server for internal communications management.
- Developed a web application for system monitoring, including real-time call logs, statistics, and MP3 call recording downloads.
- Technologies used: Asterisk, OpenVPN, Linux, PHP, JavaScript, MySQL, Bootstrap, HTML, CSS.

Final Year Project Internship

From July 2018 to August 2018

Tunisie Télécom CSC Sfax Elmedina Sfax, Tunisia

- Coordinated technical teams for FTTH GPON fiber optic connections; managed priorities and field follow-up.
- Supported implementation of standardized subscriber installation workflows with automated reporting and traceability.
- Monitored and resolved line incidents using log analysis and network diagnostics (physical & logical faults).
- Aided digital transformation of maintenance processes and structured ticket escalation via internal tools.

Entry-Level Internship

From July 2017 to August 2017

Sabena Technics , Aéroport International de Monastir Habib-Bourguiba Monastir, Tunisia

- Introduction to professional work environment.

PROJECTS

- **MAXapps Mobile – On-Prem Deployment & Support :**

Installed, configured, and continuously upgraded MAXapps Mobile servers (Node.js, MongoDB, OpenResty) on RedHat, Debian, Windows Server, and Docker environments.

Delivered on-premise deployments for clients in KSA (*MOT, MOC, MOF, Tadbeir, KAFD, RCJY, Jeddah, Tarshid, LADUN*), Africa (*RTC, BDEAC, Gaia Sofert*), Europe (*AGL, Lhyfe*), and USA (*UCSDH, CSWG*).

Implemented backup and monitoring solutions, with ongoing debugging, support, and infrastructure maintenance. (2022-2025)

- **Release & App Store Management :**

Coordinated full mobile release cycles using Jenkins, Fastlane, and Xcode; managed app packaging, code signing, and automated deployments to Apple App Store and Google Play.

Leveraged AWS S3 for artifact storage and Route 53 for domain routing, ensuring secure, compliant, and efficient delivery.(2022-2025)

- **Terraform | AWS :**

Developed a serverless application using Amazon API Gateway, AWS Lambda, and DynamoDB with Terraform automation.(2022)

- **Docker-Compose :**

Containerized web application using Docker Compose for scalable deployments.(2021)

- **Kubernetes (Minikube) :**

Effectively debugged pods and created deployments with and without YAML configuration files.(2021)

- **MERN stack project :**

Developed "ISITCOM PFE LIBRARY" platform to store reports and provide ISITCOM students easy access to resources.(2021)

- **IA & Android :**

Implemented object detection on Android using TensorFlow Lite.(2021)

- **Deep Learning :**

Developed ASL (American Sign Language) recognition system using deep learning.(2021)

- **RFID & IOT :**

Developed a student access control system for university dormitories based on RFID technology.(2021)

SKILLS

Professional Skills :

Problem-solving, Critical thinking, Team leadership, Communication, Time management, Client-facing consulting

Cloud Provider :

AWS, GCP, EDARATCLOUD, Infomaniak

Infrastructure as a code :

Terraform, AWS SDK

CI/CD & Automatisation :

Fastlane, Jenkins, GitHub, Ansible

Build & Packaging Tools :

Gradle, Xcode, npm, Yarn

Web Server Configuration :

Nginx, OpenResty

Version Control tools :

Git, GitHub

FinOps & Cloud Cost Optimization :

AWS Cost Explorer, FinOps practices (cost audits, rightsizing, budgeting)

Security & Networking :

OpenVPN, Asterisk, TLS/SSL, IAM, VPC, Route 53, Firewall configuration

Monitoring & Logging :

AWS CloudWatch, Grafana, Prometheus

Scripting :

Bash/Shell, Python, PowerShell

Big Data Tools:

Hadoop, MapReduce, MongoDB

Mobile DevOps :

Xcode Build, APK & IPA Export, App Store, Gradle, TestFlight

Back-End Development :

Node.js, Express.js, MongoDB, DynamoDB (serverless)

Front-End Development :

ReactJS, React-Bootstrap, Material UI, MUI, HTML/CSS, ElectronJS

VOLUNTEER WORK

Team Leader	From October 2021 to December 2021
Competition: The Night of Computing 2021 ISITCOM Hammem Sousse	
Student volunteer	From January 2021 to June 2021
Club ISF Isitcom ISITCOM Hammem Sousse	
Restored old, non-functional PCs into working computers to donate to primary schools	
Team member	From January 2021 to June 2021
ISITCom IoT Developers Club ISITCOM Hammem Sousse	
Team member	From November 2019 to December 2019
Competition: The Night of Computing 2019 ISITCOM Hammem Sousse	
Active Member	2018
Maker Labes ISTIC Borj Cederia Tunisia	
Robotics Club	
First Aid	2017
Tunisian Red Cross Tunisia	

CERTIFICATIONS & TRAINING

- Big Data Engineer v2 Mastery Award for Students (IBM).
- Big Data Engineer Explorer Award for Students (IBM).
- [HashiCorp Certified: Terraform Associate DevOps Masterclass](#) (Udemy).
- [AWS Cloud Practitioner Essentials](#) (Coursera).
- [Command Line in Linux](#) (Coursera).
- PSM I – Professional Scrum Master Training Certificate

LANGUAGES

Arabic
Native

French
Fluent

English
Fluent

INTERESTS

Hiking

Photography

Fitness

SOCIAL NETWORKS

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