

# *Alrazihi Towfik*

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## **Summary**

Highly skilled and motivated senior software engineer with more than 8 years of experience in Banking, automotive, journalism, and healthcare business. Eager to join you to build innovative and cutting-edge business solutions for the impressive suite of clients within your global reach. In previous roles, I slashed downtime by 70% and ensured 88% on-time project completion. Also identified and dealt with a significant process bottleneck ( more than one million entry ETL ). I Have developed several android and web apps, including an invoice-monitoring car system using JAVA, JavaFX, and MySQL. I Led a marketing department for the same company. I am An empathetic team player, mentor, innovative and creative thinker.

## **WORK EXPERIENCE**

### **S.a.r.l Barcha, Algeria – IT MANAGER.**

#### **JUN 2020 – PRESENT**

1. Installed, configured, and troubleshoot Liferay on a VPS Linux server, WordPress (Arabic and French ) on Nginx HTTP proxy, and the Web server.
2. Expertise in using Kaleo workflow for defining business processes, deploying them, and managing them through a portal interface.
3. Worked on authentication and authorization based upon LDAP and managing user authorization based upon their access level for publication through a workflow.
4. Involved in Liferay administration tasks QA, Development, and UAT environment.
5. Experience using public APIs, such as Facebook, LinkedIn, and Twitter, Experience using Phone Level APIs like Google Map, Calendar, EMAIL, and SMS API.
6. Published the apps in the app store.
7. Developed cross-platform compatible React Native apps.
8. Written and executed unit tests using Jest, a framework of testing recommended by Facebook.
9. Engineered login front end functionality; including RESTful service calls, keychain, credential storage, routing, token verification.
10. Managed and maintained Virtualization Environment using VMWare ESX 6.7, VMWare workstation.

### **Environment:**

Javascript, React Native, Android SDK, IOS SDK, Jest, Genymotion, Postman (REST Client), Python, WordPress, VPS, PHP.

### **Intervalle technologies, Algeria – IBM software engineer.**

**Spt 2018 – May 2020**

1. Installed, configured, and troubleshooting: IBM Infosphere 11.5, IBM FileNet P8 family of products includes back-end services, development tools, IBM WebSphere product family, IBM Datacap.
2. Used IBM InfoSphere DataStage Designer, Director, and Administration for creating & implementing jobs, Developing ETL jobs.
3. Extensively used Sequential File, Transformer, Join, Lookup, Filter, Funnel, Row Generator, ODBC Connector, and Oracle Connector.
4. Was part of Algeria telecom; datacap onboarding
5. Involved in Data Quality meetings. (QualityStage).
6. Extensively worked on various QualityStage stages like Standardize, Match, Investigate and Survive stages to validate the data according to the business requirements.
7. Configured WAS authentication with Active directory with federated mode.
8. Worked closely with IBM support team to resolve opened PMRs and Installed Fix packs.
9. Participated in Algeria telecom, gulf Bank projects, where Datacap projects were parts of commercial document processing structure connected with other data and document processing software.
10. Developing entire solution using a single sign-on mechanism,
11. Designed and implemented business solutions on the P8 platform using IBM Case Manager
12. Development of Custom Case Operations components
13. Design of Imaging Archival Workflow System ( FileNet,datacap,casemanager )
14. Design and development of workflow modules for the archival system.
15. Installed, Configured, and Administered Apache Tomcat 5.x/6.x, IBM WebSphere Application Server 8.0/9.0 base and Network Deployment (WAS ND) for clustered environments, creation of data sources, queue destinations, connection managers, listener ports, custom JVM tuning configurations, and etc.
16. Cleansed and optimized more than 1 million clients, ( project BDL).

### **Environment:**

IBM FileNet 5.+, IBM Case Manager, Java, J2EE, Websphere 7.1 ,IBM Datacap, IBM Records Manager, Java, J2EE, Jboss 5.1, Oracle 11.2

### **Projects:**

- Mobilis - onboarding, December: 2018- Mars 2019
- Banque de Développement Local - DATA QUALITY : May 2019- September 2019
- Housing Bank Algeria - IBM Digital Business Automation in a clustered environment: October 2019-May 2020.
- IBM cloud packs for data on Intervalle's premises: February 2019-May 2020

## **S.a.r.l Eminauto, Algeria – Network and System engineer / Head of marketing.**

**Oct 2015 - August 2018**

1. Worked with jasper report for report writer and designing the report for the client report.
2. *Worked Extensively on MySQL as a backend*
3. *Involved in Core Java coding by using Java APIs such as Collections, Multithreading, Exception Handling, Generics, Enumeration, Data Structures, and Java I/O to fulfill the implementation of business logic.*
4. *Designed and Implemented User Interface in Model-View-Controller Architecture, which accomplishes tight and neat coordination of Spring MVC, JSP, Servlets.*
5. *Performed all levels of hardware and software systems support for 45 branches.*
6. *Developed a Java trace monitoring, a Java reporting system for the car inventory.*
7. *Experience in developing reports such as Standard, Parameterized, Linked, Chart, and Crosstab and Sub-reports using Jasper Reports.*
8. *Developed executive dashboards to display the financial information. Dashboards show the financials at the project level, program level, application level, and department level.*

### **Projects:**

- Liferay website for the correspondence day to day tasks,
- WordPress website for the Arabic and french company site
- Social media mobile and website called goosra.com

## **S.a.r.l BERGERAT MONNOYEUR, Algeria – Marketing intern.**

**May 2013 - Nov 2013**

1. Implementing and designing Modules based on messaging (SMS), The project was developed in PHP.
2. Participated in marketing companies' procedures.

## **Education**

- **Master's in Business Administration ( MBA spécialisé en Gestion des Entreprises)**  
ESG Management School  
March 2012 to April 2014
- **Engineering degree in Computer Science (Ingénieur d'état en informatique)**  
University of science and technology Houari Boumediene  
October 2005 to October 2011

## **Professional certificates & courses:**

- **Machine Learning certificate** : issued on 30 December 2021. by Coursera and Authorized by Stanford University .
- **Python for Data Science, AI & Development** : issued on 7 August 2021. by Coursera and Authorized by IBM.
- **What is Data Science?** : issued on 29 September 2020. by Coursera and Authorized by [IBM](#).
- **IBM AI Engineering Professional Certificate** : in progress
  - [Machine Learning with Python](#) : issued on 04 October 2021.by Coursera and Authorized by IBM
  - [Introduction to Deep Learning & Neural Networks with Keras](#) : issued on 19 November 2021.by Coursera and Authorized by IBM
  - [Introduction to Computer Vision and Image Processing](#) : in progress
  - [Deep Neural Networks with PyTorch](#) : issued on 04 January 2021.by Coursera and Authorized by Stanford University.
  - [Building Deep Learning Models with TensorFlow](#) : in progress
  - [AI Capstone Project with Deep Learning](#) : en progress
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- **Blockchain Specialization** : in progress
  - [Blockchain Basics](#): issued on January 2022.by Coursera and Authorized by University at Buffalo, The State University of New York
  - [Smart Contracts](#).
  - [Decentralized Applications \(Dapps\)](#).
  - [Blockchain Platforms.specialization](#).
- **Advanced Data Science with IBM Specialization** : in progress
  - [Fundamentals of Scalable Data Science](#) : issued on January 2022.by Coursera and Authorized by IBM .
  - [Advanced Machine Learning and Signal Processing](#) .
  - [Applied AI with DeepLearning](#) .
  - [Advanced Data Science Capstone](#).
- **Advanced Machine Learning on Google Cloud Specialization** : in progress .
  - [End-to-End Machine Learning with TensorFlow on GCP](#) : issued on January 2022.by Coursera and Authorized by [Google cloud](#).
  - [Production Machine Learning Systems](#)
  - [Image Understanding with TensorFlow on GCP](#)
  - [Sequence Models for Time Series and Natural Language Processing](#)
  - [Recommendation Systems with TensorFlow on GCP](#).

## **SKILLS:**

- **Data Science:** Python Libraries, Machine Learning, regression, Hierarchical Clustering, K-Means Clustering.
- **Programming language:** Java,Python,JavaScript,Swift.
- **Frameworks && LIBRARIES:** React,Reactnative,NEXT JS,Vue,Node.
- **Hardware/OS:** Windows (Desktop and Server),Linux (Centos and Ubuntu flavor),MacOS.
- **IDE:** Android Studio, Eclipse, NetBeans, Vcode...
- **DATABASE :** MySQL,MariaDB ,Oracle 10+ ,SQL-Server,DB2,MongoDB.
- **Middleware server :** Tomcat, WebSphere, Apache web server.
- **Cybersecurity :** Wireshark
- **Virtualization :**Oracle VM VirtualBox, VMWare ESX 6.7, VMWare workstation.
- **Human languages :** Arabic, English, French.

## **References :**

<b>Nazim Meziane</b>  Accounting manager · S.a.r.l Eminauto.  Algeria, algiers  +213770263966  nazim.meziane@nmaudit.com  Relationship: Direct line manager at S.a.r.l Eminauto.	<b>Raki Ferhat</b>  General Manager -S.a.r.l Barch.  Algeria, algiers  +21355594749422  rakiferhat@gmail.com  Relationship: Direct line manager at current job.
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