Tawfik EL YOUSFI

Developer JAVA

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RESUME

Tawfik is a passionate and experienced professional with a degree in IT management. He started his career as a Java developer on a J2ME project, where he gained solid experience in full analysis and development. Over the years, he specialized in Java technologies, with a strong interest in J2EE architecture. His mastery of J2EE was consolidated through his participation in various projects.

As an experienced Java developer for over 19 years and a functional analyst for 7 years, Tawfik has deep expertise in all phases of the software development lifecycle. From analysis and design to execution and maintenance, he has successfully overseen large-scale projects.

With a passion for technology and an aptitude for problem solving, Tawfik excels both as an analyst and a developer. His mastery of various programs and tools allows him to deliver high quality applications and systems, while optimizing the efficiency and productivity of the organization.

With its proven track record and methodical approach, Tawfik is a valuable asset to any Java development project, bringing its technical expertise and commitment to delivering efficient and cost-effective software solutions.

FORMATION

March 2015

- Site Factory: HTML5, Jquery, Backbone

August 2011

- Branch Transformation Toolkit (BTT)

June 2009

- Rational Business Developer: Enterprise Generation Language (EGL)

May 2009

- Entreprise Java Beans 3.0

June 2008

- Spring and JSF

April 2006

- Extensive training in Java: Specialization Java oriented in the technologies XML.

EDUCATION

2004-2005

Graduate IT Management

1998-2003

Graduate Industrial Computing

INFORMATIQUE COMPETENCES

Langages

Notion : C++, Delphi, Objectif C, Android Java, Python, Swift

Confirmed: Java (6, 8, 17, 21, with design patterns), UML, EGL, SQ, Bash Scripting

IDE

Confirmed: WebSphere, RAD/RBD, Eclipse (RPC, STS), IntelliJ.

Analysis

Use: UML, BPMN, Visio, Lucidchar, Entreprise Archtiect

Webs

Notion: PHP, Python, Bootstrap

Confirmed: HTML5, Javascript, CSS, Angular, Typescript, React, Flutter

DataBase

Confirmed: Hibernate, MySQL, SQL Server, Oracle, Liquibase, Flyway

Database Modelling (NF, ACID)

Framework

Notion: Spring WebFlow, HttpUnit.

Confirmed: Spring security, Spring Boot, Spring Data, JAXWS, SAOP, XML, XSD, JSF, JSP, Maven, BTT, SAML, Swagger, Messaging (Kafka, SAGE), MQ, Microservice REST API, JPA (JpaRespository), Hibernate

Versioning

Notion: Dimensions, Harvest, ClearCase

Confirmed: SVN, CVS, GIT (Gitlab, GitHub, (Bitbucket))

Testing

Notion**: Test-Driven Development (TDD** Distribution)

Confirmed: Junit 5, Mockito, PowerMock, Test Automatization, Scenarios QA and TEST env, Integration Test, Postman (API)

Tools

Confirmed: Jenkins (Bamboo), Artifactory, Nexus, Azure DevOps, SonarQube, Jira, Confluence, Service-Now (SNOW), Mantis, HPQualityCente, JMS, JSON, Docker, Fortify, Kubernetes, Elasticsearch, Balsamiq, Openshift.

Methodology

Confirmed: Agile, Kanban

Servers

Confirmed: Cloud (Linux), windows, Linux (Shell scripting)

Coaching junior java developers

Collect business requirement

Testing

CERTIFICATION

July 2013

- JAVA 6 programmer @Oracle

May 2013

- HTML, CSS3, JavaScript @Microsoft

November 2012

- Scrum Master @AgilebeeEXPERIENCES

@ Lyreco (Marly)

Since 09/2024

Functional Analyst

- Analysis and monitoring of the development of a new DC application integrating Punch-Out

- Collaboration with developers and product owners to ensure project completion

- Participation in optimizing the purchasing process by facilitating integration between the application and client ERPs while respecting certain client-specific rules (properties)

- Participation in Java code review

- Create new Confluence document explain the current version of DC using UML (sequence diagram)

Technical Environment

Confluence, Jira, SAP, Punch-Out, OXD (Lyreco), cXML, OCI, ARIBA, Iproc, ePortal, Stories, Java8-17, Struts, REST API, Spring Boot, JPA, Hibernate, Spring Security, SCIM Protocol, Diagrams UML, Jenkins, Artifactory, nexus, Agile/Scrum.

@Atkana group

Since 05/2024

- **Developer role:**

  Developing new API in Java and setting up servers. application Webclient manager employees of company. the application can generate some PDF document Creating REST APIs in Java using springboot, and Swagger.

- **Testing application and Automatization:**

  Writing detailed test scenarios and executing functional tests to validate application functionality. Analyzing results and reporting anomalies to ensure software quality and reliability. Create unit test and Integration Test using Mockito and Junit

- **Functional Analyst role:**

  Used Swagger, an API design framework, to document and test web services. Create clear and comprehensive Swagger specifications, describing endpoints, parameters, expected responses, and usage examples

Technical Environment

- Java (17 & 21) Jira, Confluence, SQL developer, MySQL, Swagger (OpenAPi) Hibernate (JPA), Spring boot, SpringData, Spring security (JWT token, OAuth2), Junit, Mockito, GitHub, ItextPDF(Generation PDF), XSSFWorkbook(Generation XSL,CSV), Flutter, React (Vite) , RES API, Maven, Jenkins, design pattern MVC, web client application, Liquibase.

@Crelan

Functional Analyst, Project Coordinator / Testing.

• In team "IT Delivery Invest" principal role are:

• Application management: Ensures continuous monitoring of applications, proactively intervening to ensure optimal performance typically during testing in acceptance

• Inter-team Coordination: Establishes synergies between different teams, facilitating transparent communication and smooth implementation of initiatives. Monitoring of situations. Purpose of the project sends a swift message to the stakeholders passing through several Crelan entities

• Functional Analysis: Deepens into business needs to accurately translate them into technical specifications, ensuring optimal alignment of solutions with requirements. for all projects manage follow up of the situation by organizing and leading meetings with the aim of informing the project manager

• Testing application: Writing detailed test scenarios and executing functional tests to validate application functionality. Analyzing results and reporting anomalies to ensure software quality and reliability.

Technical Environment

Visio, Jira, Confluence, SQL Developer, UML, GlowRoot, Dynatrace, JMeter, Message Swift, Agile/Scrum.

@Alphacredit

07/2021- 08/2023

Functional Analyst, Developer Java

• Tribe AD: Pool of Java developers, managing and maintaining all applications of Alphacredit. Design and implementation of an application using Apache Kafka as a messaging and data streaming platform. Development of Kafka producers and consumers for application integration and asynchronous data transfer. Managing data streams using the concepts of topics, partitions, and consumer groups in Kafka. Implementation of serialization and deserialization of data using formats such as JSON. The goal was for all Alphacredit development teams to use the same structure for their microservices.

• Integration of Kafka with other technologies and tools, such as databases, web services, or real-time processing frameworks. Management of message processing errors by setting up mechanisms for managing flows and processing failed messages.

• Documentation of architectures and data flows, as well as best practices for using Kafka.

• Tribe Wheels: The objective was the creation of several APIs in Spring Boot for the Alphacredit Business. Communication between several APIs.

• Analysis, design, and implementation of a security application using SAML2 and Spring Security. The application allows you to connect in SSO (Single Sign-On) to the B2BOOST application. Testing via JUnit and testing in the Acceptance environment.

• Test Automatization: create Junit test in java, Using Postman to test APIs

• **Functional Analyst role**: Using Swagger, an API design framework, to document and test web services in my previous role as an Analyst Developer. I worked closely with the development teams to create clear and comprehensive Swagger specifications, describing endpoints, parameters, expected responses, and usage examples.

Technical Environment:

Java 8,11, IntelliJ, Spring Boot, Spring Security, Mockito, Cucumber SALM2, Swagger, Maven, Jenkins, sonarQube, Artifactory, Nexus, Git, SQL (Server Management Studio), Oracle, MobaXTerm, WinSCP, Putty, WebSphere, Hibernate, Miro, Jira, AS400, elasticSearch, Openshift, Testing TDD, Agile/Scrum.

@ING

01/2017-06/2021

Functional analyst, Developer Java and tester

• Lease: In a team of 4 people, the objective was to maintain the main application ING LEASE.

DevOps role

Collaborated with the development team to optimize the deployment architecture and ensure the optimal performance of the API. Used tools such as Docker to containerize API applications, making deployment and scalability easier. Managed deployment errors, performed validation tests, and resolved compatibility issues related to the Linux environment.

• CARDS: As the single developer in a team composed of several people from various separate teams, my responsibilities include analyzing, developing and deploying projects using Azure DevOps. My tasks involve:

Analyze part: Collect user requirements. Write user stories, edit swagger files

Developing new APIs in Java and setting up servers.

Creating REST APIs in Java using Merak, Message SAGE, and Ansible scripts for automatic deployment on Linux servers (cloud).

Developing Kafka producers and consumers for application integration and asynchronous data transfer.

Managing data streams using the concepts of topics, partitions, and consumer groups in Kafka.

Implementing serialization and deserialization of data using formats such as Avro.

Integrating Kafka with other technologies and tools, such as databases, web services, or real-time processing frameworks.

Managing message processing errors by setting up mechanisms for handling flows and processing failed messages.

Documenting architectures, data flows, and best practices for using Kafka.

Test Automatization: create Junit test in java

Monitoring and executing RUN configurations using Azure for deploying applications on Linux servers

Functional Analyst role:

In my previous role as an Analyst Developer, I used Swagger, an API design framework, to document and test web services.

I closely collaborated with the development teams to create clear and comprehensive Swagger specifications, describing endpoints, parameters, expected responses, and usage examples.

Additionally, I utilized Swagger UI to generate user-friendly interactive documentation, enabling developers and users to easily view and interact with APIs. This approach facilitated communication between teams and improved the quality and consistency of the web services we developed.

Furthermore, I employed BPMN (Business Process Model and Notation) to establish an efficient process. Working closely with stakeholders, I understood process requirements and objectives. With BPMN, I meticulously modeled the process, outlining various steps, roles involved, decisions, and business rules.

Implementing this BPMN-based process resulted in reduced processing times, improved coordination between teams, and increased operational efficiency.

Moreover, I created complete and precise documentation that enhanced the organization's understanding of the process.

Through my experience with BPMN, I have strengthened my skills in process analysis, modeling, and change management. It demonstrated my ability to deliver practical solutions and improve organizational efficiency using advanced modeling tools.

DevOps role:

Deployment of API applications on Linux servers, ensuring optimal configuration and high availability. Configuring and managing cloud resources, including creating virtual machine instances, provisioning databases, and setting up security policies.

Using Azure DevOps to automate deployment pipelines and enable continuous integration (CI) and continuous deployment (CD). Troubleshooting deployment issues, including handling deployment errors, updating configurations, and optimizing performance. Documentation of deployment procedures and creation of guides to facilitate the deployment of future applications.

Proactive API performance monitoring, using tools such as Grafana to quickly detect and resolve potential issues. Automating deployment using scripting or orchestration tools such as Ansible to simplify the deployment process and reduce manual errors.

• S.TAR: In a team of 9 people, the objective was to maintain the main application Billing TAR and export the project from Dimensions to GIT. Test: Test and check the stability of applications, used HP qualityCenter

Functional Analyst role:

Analyzing and developing several projects. As a developer analyst, I worked on writing stories and developing Java applications simultaneously. I played a key role in analyzing user needs and translating these needs into clear and detailed stories.

worked closely with the development teams to develop technical solutions and carry out the development of the corresponding Java applications.

Thanks to this approach, I was able to lead projects from start to finish, from initial design to deployment, ensuring transparent communication between the different stakeholders.

My expertise in Java development allowed me to guarantee the quality and robustness of applications while respecting deadlines and functional requirements.

Use of BPMN (Business Process Model and Notation) notation to model and optimize business processes. With BPMN, I was able to analyze existing workflows, identify inefficiencies, and suggest improvements to increase efficiency and productivity.

• NCA: In a team of 4 people, the objective was to maintain the main application CSI.

Technical Environment:

Java 8, Eclipse, Maven, Jenkins, Artifactory, Nexus, Ansible, Azure Devops, Dimensions, Git, SQL (IBM System I Navigator), MySQL, Oracle, MobaXTerm, WinSCP, Putty, Messaging Q services, WebSphere, Hibernate, Polymer, Angular, Kafka, Message SAGE, SNOW, elasticSearch, Openshift, Docker, Test TDD, Agile/Scrum, Modele testing DDD.

@M-Team

05/2016-01/2017

Developer Java.

• JADE2: Within a team of several people, the main objective was to maintain the main JADE2 application (Eclipse RPC application) while actively participating in the development of the Indemnity sub-application. Jade2 is an end-to-end application. Implementation of code in JAVA, Test on QA TST and QA environment

Technical Environment:

Java 6, Spring, Hibernate, Eclipse RPC, Jetty server, Maven, CVS, Jira, MySQL , SQL (IBM System i Navigator)

@BNP Paribas Fortis

08/2014-05/2016

Developer Java / Integrator

• PCBanking: Within a team of many people, the objective was to maintain the main PC Banking application and to participate in various projects for the PCB, PCBB, EB platform, intervention on an end-to-end application. Implementation of code in JAVA, Test on QA TST and QA environment

Technical Environment

Java 7, BTT, Eclipse, XML, XSD, SOAP, SAOPUI, IBM WebSphere (RAD), maven, SVN.

@ING

07/2014

Developer Java

In team of 2 people, the main objective was to create web services and WSDL file from a XSD documents to make major changes to the data bank customers

Technical Environment

Java 7, Eclipse, WAS 8.5, MVC, EJB3.0, EJB3.0, Open JPA, XML (WSDL, XSD) Webservices, SAOPUI, JAXWS, IBM WebSphere server MQ, JMS, DB Oracle, Maven.

@SPW

09/2013-06/2014

Developer Java.

• EDS: In a team of 15 people, the main objective is to create a set of applications related to the public service of Wallonia. The web-based applications are designed for declarations of areas and have interactions between different projects.

The EDS applications operate in a highly distributed system with a data replication environment. Farmers themselves will use these applications to declare their territorial possessions in order to receive aid from the Walloon government.

Technical Environment

Java 7, maven, SVN, JBoss, Vaadin(with design pattern), Eclipse, SCRUM, Web services, XML, SAOPUI, JAXWS, Liferay, portlet.

@BUSI	
	01/2013-09/2013

Developer Mobile.

• Self-training for BuSI, Create some mobile applications for IOS (Objective-C) and Android. Preparation of the different certifications.

Technical Environment

Java for Android Eclipse, Objective-C under mac and xCode

@ING	
	08/2011-01/2013

Developer Java.

• CRS Express: In a team of 8 people, the main objective was to create web services to make major changes to the customer database.

• Home Bank: As part of a team of 13 people, I was responsible for contributing to the creation and maintenance (bugfixing) of a banking application for managing customer accounts, from end to end. Implementation of code in JAVA, Test on QA TST and QA environment

Technical Environment:

Java 5, Eclipse, RAD8, MVC, EJB2.1, EJB3.0, JPA, Spring, XML (WSDL, XSD) Webservices, SAOPUI, JAXWS, IBM WebSphere server MQ, JMS, DB Oracle, Junit, ANT, Dimension (versioning), JSP, BTT, Fortify, Scrum, MySQL.

@Euler Hermes	
	. 04/2011-08/2011

Developer Java / testing

• Development of a web application for classifying insurance policies in a hierarchy tree, alone in the team.

• Implementation of code in JAVA, Test on QA TST and QA environment • Testing application: Writing detailed test scenarios and executing functional tests to validate application functionality. Analyzing results and reporting anomalies to ensure software quality and reliability.

Technical Environment

Java, Eclipse, Tomcat, JSF, Spring, Hibernate JPA, MVC, DB2

@ETNIC

06/2009-04/2011

Developer EGL, Functional analyste.

• Cioc: In a team of two people, the goal is the development of a management system designed to serve the youth assistance of the Ministry of Education.

• SIEL: In a team of 4 people, the objective is to develop a system to manage the enrollment of students in a school.

• Functional Analyst role: Collect requirement from business, writing analysis documents for the CIOC project, using the UML language. • As an analyst, I used UML (Unified Modeling Language) to model and document processes and systems in my previous role. I utilized UML diagrams, such as use case diagrams, sequence diagrams, and class diagrams, to visualize and communicate the functional and technical requirements of the system. I worked closely with stakeholders, including developers and product owners, to capture requirements, analyze workflows, and design effective solutions. Using UML has allowed me to model relationships between entities, clarify system-user interactions, and make it easier to develop and maintain systems • Analyze of Design of UI using Balsamiq.

Technical Environment

EGL, RBD, SVN, EGL web Service, MVC, SQL View DB2, Storage Procedure, MySQL, UML, Balsamiq, bash scripting

@Toyota

03/2007-04/2009

Developer Java.

• Data Agent: In team of 2 people, manage the system of car configurator in the web site Toyota.
• TesBook: In team of 3 people, the project to computerize the maintenances of leading vehicles Toyota and Lexus. Maintenance and bugfixing work and new developments on the TesBook project, which tracks every Intervention made on a vehicle after it is delivered to the customer. Test application on TST and QA servers

• Brand Protection: In a team of 3 people, the main objective is to create and maintain a web application for judges and lawyers, this application allows localized the various garages selling unofficial part of the Toyota brand, avoid the sale of parts against counterfeiting.

Technical Environment

JAVA, ClearCase, MVC, Spring, DB2, sqlJ, RAD, Spring WebFlow

@GFI

02/2007-03/2007

Developer Java.

Being alone for this project, the main objective is to create and maintain a web application for business of GFI to store all company profiles consultants it contains.

Technical Environment

JAVA, Struts, MVC, Spring, MySQL, Eclipse exadel

@Securitas

01/2007-02/2007

Developer Java.

In a team of 2 people, the main objective the maintenance and bugfixing of a project to manage the commands of the uniforms of the security officers.

• Testing application: Writing detailed test scenarios and executing functional tests to validate application functionality. Analyzing results and reporting anomalies to ensure software quality and reliability..

Technical Environment

JAVA, Struts, MVC, Spring, Hibernate, Eclipse

@Leaseplan

05/2006-01/2007

Developer Java.

In team of 15 people, the main objective of the project is managing the incidents of damaged vehicles belonging to the company Lease plan Belgium and Netherlands. implementation code in Java, Test application in TST and QA.

Maintenane and bugfixing of the application.

Testing application and Automatization: Writing detailed test scenarios and executing functional tests to validate application functionality. Analyzing results and reporting anomalies to ensure software quality and reliability. Implementation of automatization test using HttpUnit in Java

Technical Environment

JAVA, Struts, MVC, Spring, Eclipse, DB2, XML, Series AS 400, IBM WebSphere, HttpUnit.

LANGUAGE

	Write	Read	Spoken
French	Native	Native	Native
Dutch	Good	Basic+	Basic
English	Fluent	Fluent	Good