HAZEM BEN KHALFALLAH

Technical Lead at Marjory, CSM®

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💼 WORK EXPERIENCE

Backend Architect
M&C

📅 July 2022 – Present   📍 Tunis, Tunisia

Implement an airline payment reconciliation platform. The system is a cloud SAAS solution that periodically extracts transactions from different source files (sold tickets, settlement data, bank deposits, ...), transforms them into manageable formats and executes an advanced reconciliation logic.

- Build maintainable and well-tested software.
- Take ownership of all technical aspects.
- Define the platform architecture.
- Enforce delivery quality by helping the team embrace software craftsmanship principals.
- Communicate effectively with stakeholders.

Backend Architect
Etal

📅 January 2022 – July 2022   📍 Tunis, Tunisia

Implement a SAAS Marketplace.

- Build maintainable and well-tested software.
- Take ownership of all technical aspects.
- Define the platform architecture.
- Enforce delivery quality by help the team embrace software craftsmanship principals.

Technical Lead | Scrum Master
Marjory.io

📅 December 2018 – December 2021   📍 Tunis, Tunisia

Marjory is an "Expertise-as-a-Service" solution combining marketplace expertise, a user-friendly tech platform and a diversified ecosystem. Its main objective is to make life easier for marketplace operators and all other players in the ecosystem (consultants, integrators and service providers).

- Design, build and maintain efficient, reusable, and reliable code.
- Provide day to day project execution guidance to team members.
- Grow, develop and lead Product engineering team.
- Clear obstacles and remove impediments.
- Protect the team from outside interruptions and distractions.
- Animate daily delivery pace through agile processes (sprints, sprint plannings, retrospectives, grooming meetings, daily stand ups ..)
- Communicate with stakeholders and the product owner about work synchronization, deadlines and evolution in delivery pace.

👥 SOFT SKILLS

Agile Methodologies | DDD | BDD | ATDD
TDD | Team Management | Team Leadership
Continuous integration | Continuous delivery

▤ TECHNICAL SKILLS

Paradigms
Clean code | **Hexagonal architecture** | DDD | BDD | ATTD | TDD

Languages
Java | **Typescript** | Javascript | Python

Frameworks
Spring (Spring Boot, Spring Data, Spring Security, Spring REST, Spring for Apache Kafka) | **NestJs** | **Keycloak** | **JBPM** | **AngularJs** | **JEE** | **Play! Framework** | Android | Oracle ADF 11g

Testing Tools
JUnit, **Mockito**, **AssertJ**, **REST-Assured**

Relational Databases
Postgresql | **Mysql** | Oracle Database | SQLite

NoSql Databases
MongoDB | Elastic Search | REDIS

Messaging Platforms
ActiveMQ, RAbbitMQ, Apache Kafka | Pubnub | SNS/SQS

Tools
Git | **Docker** | **Maven** | Gradle | SBT | Subversion | Jenkins CI | Travis CI

Cloud services
Heroku | **Amazon AWS**

💻 CERTIFICATIONS

Certified Scrum Master® (CSM®)
📅 12/2017 – 12/2019
Certificate issued by Scrum alliance.

Functional Programming Principles in Scala
📅 2013 - Present
Online course on Coursera by Martin Odersky.

🎓 EDUCATION

Computer Science Engineering Degree
National Engineering school of Tunis

📅 2008 – 2010

Tunis Engineering Manager | Scrum Master

Influans

📅 July 2018 – December 2018   📍 Tunis, Tunisia

Influans cloud platform enables any brand or retailer to deploy ultimate personalization campaigns, that target the right person with the right deal.

- Grow, develop a cross site engineering team (Tunis and Paris).
- Clear obstacles and remove impediments.
- Protect the team from outside interruptions and distractions.
- Help the engineering team become more autonomous and improve continuously.
- Animate daily delivery pace through agile processes (sprints, sprint plannings, retrospectives, grooming meetings, daily stand ups ..)
- Communicate with stakeholders and other teams Scrum masters and product owners about work synchronization, deadlines and evolution in delivery pace.
- Get team members feedback and discuss ways of improvement regularly in one to one meetings (once a sprint).
- annual and mid year reviews.

Team Lead

Influans

📅 July 2016 – June 2018   📍 Tunis, Tunisia

Influans cloud platform enables any brand or retailer to deploy ultimate personalization campaigns, that target the right person with the right deal.

- Grow, develop and lead Tunis engineering team.
- Animate daily delivery pace through agile processes (sprints, ceremonies, daily stand ups...)
- Design, build and maintain efficient, reusable, and reliable code.
- Provide day to day project execution guidance to team members.
- Spend 50% of my time as individual engineer contributor within the team.
- Communicate with stakeholders and other team leaders about work synchronization, deadlines and evolution in delivery pace.

Senior Developer

Influans

📅 November 2015 – June 2016   📍 Tunis – Tunisia

Influans cloud platform enables any brand or retailer to deploy ultimate personalization campaigns, that target the right person with the right deal.

- Develop 'Campaign manager' on-boarding system (CSV, FTP, Dropbox, E-commerce connectors)
- Mentor junior developers to achieving sprint goals and help them produce quality code.
- Provide code reviews and general coding guidelines.
- Provide estimations for new features and study impacts on the platform.

Team lead

Pinhole

📅 March 2014 – October 2015   📍 Tunis, Tunisia

Pinhole is a Tunisian start up specialized in catch-up TV and video on-demand applications.

- Develop movies / kids / series / configuration and launcher applications for android TV Boxes.
- Develop RevBox management web application for sales and stock management.
- Develop RevBox remote control backend application that offers a REST API to get and search movies and series.
- Develop RevBox voice control application that enables searching for content via voice commands.

🚩 LANGUAGES

French
English

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66 REFEREES

Nicolas Peidro - CTO at WorkIt Software

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Johnny Mkhael - Principal architect at Murex

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- Configure and manage ElasticSearch, backend and database servers.
- Control deployment on test and production servers.
- Push new versions remotely to all sold RevBox devices.

Full stack developer

Pinhole

📅 January 2013 – February 2014   📍 Tunis, Tunisia

Pinhole is a Tunisian start up specialized in catch-up TV and video on-demand applications.

- Develop application REST API.
- Develop an Akka based real time chat system.
- Develop and integrate an advanced web video player (it enable playing videos, display pre-roll and in-roll ads, comment a precise video moment, autoplay)
- Develop Pinhole administration app.
- Add features to Pinhole ads application.
- Configure Elastic search server and develop search functionalities (autocomplete and advanced search)
- Monitor Heroku, Amazon AWS and database server

Java/JEE developer & Oracle ADF Trainer

B.G.I.

📅 September 2010 – December 2012   📍 Tunis, Tunisia

B.G.I is a company specialized in Software solutions development. It is well known in the Tunisian hotel and banking industry circles.

- Develop a Java/JEE Human Resources Management Application.
- Train experienced Java developers to build Oracle 11g ADF (Application Data Framework) applications.
- Prepare course on how to develop, test, and deploy fully functional ADF Web applications.
- Bring guidance and assist technical teams working on ADF projects.