

# Hazem BEN KHALFALLAH

## Tunis Engineering Manager at Influans, CSM®

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Tunis, Tunisia



Senior Software Engineer with more than 8 years experience. I have handled entire software development life cycle, end to end. I also lead engineering team to develop and deliver quality products.

## SOFT SKILLS

Agile Methodologies | SCRUM | TDD | Team Management | Team Leadership | Continuous integration | Continuous delivery | Training

## TECHNICAL SKILLS

**Languages** Java | Javascript | Scala 2.10 | HTML  
**Frameworks** Spring (Spring Boot, Spring Data, Spring Security, Spring REST, Spring for Apache Kafka ) | 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** Apache Kafka | Pubnub  
**Tools** Git | Maven | Gradle | SBT | Subversion | Jenkins CI | Travis CI  
**Cloud services** Heroku | Amazon WS | MailChimps | Microsoft Azure | Logmatic

## WORK EXPERIENCE

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|-----------------------------|--|
| Present<br>July 2018        | <b>Tunis Engineering Manager   Scrum Master, INFLUANS</b> , Tunis, Tunisia<br>INFLUANS CLOUD PLATFORM ENABLES ANY BRAND OR RETAILER TO DEPLOY ULTIMATE PERSONALIZATION CAMPAIGNS, THAT TARGET THE RIGHT PERSON WITH THE RIGHT DEAL. <ul style="list-style-type: none"><li>Grow, develop a cross site engineering team (Tunis and Paris).</li><li>Clear obstacles and remove impediments.</li><li>Protect the team from outside interruptions and distractions.</li><li>Help the engineering team become more autonomous and improve continuously.</li><li>Animate daily delivery pace through agile processes (sprints, sprint plannings, retrospectives, grooming meetings, daily stand ups ..)</li><li>Communicate with stakeholders and other teams Scrum masters and product owners about work synchronization, deadlines and evolution in delivery pace.</li><li>Get team members feedback and discuss ways of improvement regularly in one to one meetings (once a sprint).</li><li>annual and mid year reviews.</li></ul> <b>Referee</b> Johnny Mkhael, VP Engineering<br>@ johnny.mkhael@gmail.com |
| June 2018<br>July 2018      | <b>Team Lead, INFLUANS</b> , Tunis, Tunisia<br>INFLUANS CLOUD PLATFORM ENABLES ANY BRAND OR RETAILER TO DEPLOY ULTIMATE PERSONALIZATION CAMPAIGNS, THAT TARGET THE RIGHT PERSON WITH THE RIGHT DEAL. <ul style="list-style-type: none"><li>Grow, develop and lead Tunis engineering team.</li><li>Animate daily delivery pace through agile processes (sprints, ceremonies, daily stand ups...)</li><li>Design, build and maintain efficient, reusable, and reliable code.</li><li>Provide day to day project execution guidance to team members.</li><li>Spend 50% of my time as individual engineer contributor within the team.</li><li>Communicate with stakeholders and other team leaders about work synchronization, deadlines and evolution in delivery pace.</li></ul> <b>Referee</b> Nicolas Peidro, Senior manager<br>@ nicolas.peidro@gmail.com  |
| June 2016<br>September 2015 | <b>Senior Developer, INFLUANS</b> , Tunis, Tunisia<br>INFLUANS CLOUD PLATFORM ENABLES ANY BRAND OR RETAILER TO DEPLOY ULTIMATE PERSONALIZATION CAMPAIGNS, THAT TARGET THE RIGHT PERSON WITH THE RIGHT DEAL. <ul style="list-style-type: none"><li>Develop 'Campaign manager' on-boarding system (CSV, FTP, Dropbox, E-commerce connectors)</li><li>Mentor junior developers in achieving sprint goals and help them produce quality code.</li><li>Provide code reviews and general coding guidelines.</li><li>Provide estimations for new features and study impacts on the platform.</li></ul> <div>Java 8   Spring framework   Maven   JUnit   Mockito   Swagger   Apache Avro   Apache Kafka   MongoDB   ElasticSearch   Git   Apache Tomcat   Jenkins CI   Nexus</div> <b>Referee</b> Nicolas Peidro, Senior manager<br>@ nicolas.peidro@gmail.com   |

October 2015  
March 2014

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

Play Framework 2.3.x Ebean Google Guice Jackson ElasticSearch EhCache Android Postgresql SQLite  
ElasticSearch Heroku Azure BLOBS PubNub Logentries New Relic Mandrill Git

February 2014  
January 2013

#### Backend developer, PINHOLE, 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 servers.
- > manage release to production servers.

Play Framework 2.2.x Ebean Google Guice Jackson MongoDB ElasticSearch EhCache Mockito Mustache  
scribe AngularJs semantic-ui TwitterBootstrap JQuery Postgresql Sublime Video Heroku Amazon S3  
Amazon EC2 Logentries New Relic Mandrill Git

December 2012  
September 2011

#### Oracle ADF Trainer and technical Lead, B.G.I., 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.

- > 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.

Oracle ADF Fusion (ADF Faces) JSF2.0 BC4j components Weblogic 11g Oracle 10G

## CERTIFICATIONS

### CERTIFIED SCRUMMASTER® (CSM®)

12/2017 – 12/2019

[Certification Badge](#)

Certificate issued by Scrum alliance.

### FUNCTIONAL PROGRAMMING PRINCIPLES IN SCALA

2013 - PRESENT

[Coursera course](#)

Online course on Coursera by Martin Odersky.

French

English



## LANGUAGES

## EDUCATION

2008 – 2010

### Computer Science Engineering Degree

National Engineering school of Tunis

## PERSONAL PROJECTS

### SCRUM POKER APPLICATION

2015 - PRESENT

[Demo : http://pokerscrum.herokuapp.com](#) [github.com/Hazem-Ben-Khalfallah/scrumpoker-planning](https://github.com/Hazem-Ben-Khalfallah/scrumpoker-planning)

Scrum Poker is an online free tool used in pocker planning session to estimate stories.

Spring framework Websockets AngularJs MongoDB Travis CI CodeCov

### FAMILY MEMBERS GPS LOCATOR

2017 - PRESENT

[github.com/Hazem-Ben-Khalfallah/FamilySide-mobile](https://github.com/Hazem-Ben-Khalfallah/FamilySide-mobile) [github.com/Hazem-Ben-Khalfallah/FamilySide-server](https://github.com/Hazem-Ben-Khalfallah/FamilySide-server)

Android + server apps that enable a user to locate his family members real time.

Android Spring framework Java Reactor MongoDB Google Maps Spring data reactive streams

### PHONE VOCAL FINDER

2016 - 2017

[github.com/Hazem-Ben-Khalfallah/VocalFinder](https://github.com/Hazem-Ben-Khalfallah/VocalFinder)

An android app to find your phone by responding to a sound you have emitted : whistle, voice, etc.

Android TarsosDSP Snake Chart

## MOUSIFY

2016 - 2017

[github.com//Hazem-Ben-Khalfallah/mousify-mobile](https://github.com/Hazem-Ben-Khalfallah/mousify-mobile) [github.com//Hazem-Ben-Khalfallah/mousify-server](https://github.com/Hazem-Ben-Khalfallah/mousify-server)  
Android + server apps that enables a user to control his PC mouse via an android phone.

Android Kryonet Lombok Java 8

## GHOST SMS

2017

[github.com//Hazem-Ben-Khalfallah/ghost-sms](https://github.com/Hazem-Ben-Khalfallah/ghost-sms)  
An android app to secure SMS communication based on RSA and AES encryption.

Android Lombok

## “ RÉFÉRENCES

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“Hazem has sound technical skills and good ability to catch business questions. Self aware, task oriented, creative problem solver, he is a very good team player and quickly bring value to technical/product/organisational issues. (...)”

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**Nicolas Peidro**

Senior manager - INFLUANS  
[nicolas.peidro@gmail.com](mailto:nicolas.peidro@gmail.com)

“(...) Hazem would be a true asset for any positions requiring growing a team of professional developers and comes with my heartfelt recommendation.”

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**Johnny Mkhael**

VP Engineering - INFLUANS  
[johnny.mkhael@gmail.com](mailto:johnny.mkhael@gmail.com)