

# Zakaria ALLA – Software Engineer

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[portfolio](#)  
[linkedin](#)  
[github](#)

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Passionate about coding, computer development and new technologies.  
I am more interested in web development with JEE, Spring, Angular and microservices architecture.

## Education

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| • <b>COMPUTER ENGINEER</b> : <i>MUNDIAPOLIS University, Casablanca</i>                 | 2019 – 2022 |
| • <b>PREPARATORY CLASSES CYCLE</b> : <i>UNDIAPOLIS University, Casablanca</i>          | 2017 – 2019 |
| • <b>BACCALAUREATE IN PHYSICAL SCIENCES</b> : <i>TOUNDOUTE High School, Ouarzazate</i> | 2017        |

## Work experience

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- **CGI | Software Engineer (March 2022 – Now, Casablanca):**
    - Assignments:
      - Participation in the development and maintenance of numerous applications for the client BNP Paribas.
      - REST API development.
      - Development of HMI interfaces (Angular)
      - Technical analysis and specifications
      - Code refactoring.
      - Perform unit/integration tests.
      - Preparation of deliverables for staging and production.
      - Analysis
    - Technologies:
      - Java, Angular, Spring MVC, Spring batch, Spring-boot, Jenkins, Git, OracleDB, Postgresql,DDD, Linux, SSH, Putty.
  - **LeRIF | Internship (March 2021 – September 2021, Paris):**
    - Assignments:
      - Implementation of the architecture of the human resources management system, which will include on the following modules:
        - Recruitment management.
        - Payroll management.
        - Provisional management of jobs and skills.
        - Training Management.
        - Management of employee follow-up.
        - Billing Management.
    - Technologies:
      - Java/JEE, Spring, Angular, ChartJS, REST, MySQL, micro services, JUnit, TinyMCE, GitHub, Scrum
  - **LeRIF | Internship (April 2020 – November 2020, Tunisia):**
    - Assignments:
      - Participation in the design and production of the web application DoctorIF which allows to know the doctors in all the cities of Tunisia and with different specialties.
      - Participation in the implementation of the architecture of the application
      - Preparation of backend (Spring) and frontend (Angular) deliverables.
      - Participation in the daily meeting and the meetings at the end of each sprint
    - Technologies:
      - Java 8, Spring boot, Angular 9, micro services, chartJS, Nexmo, GitHub, Scrum

- **UTH Groupe | Internship (June 2019 – August 2019, Casablanca):**
  - Assignments:
    - Development of a Desktop application that allows :
      - o Sales management,
      - o Customer management,
      - o Inventory management,
      - o Automatic generation in Excel format of an invoice, an estimate, a delivery note and an order form.
  - Technologies:
    - Java 8, javafx, sqlite, apache poi.

## Certificates & Languages

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|---|-----------|
| - JavaScript programming language, Udemy. | - French  |
| - 21st Century Honorary Skills, Honoris.  | - Arab    |
| - Digital marketing, Grow with Google.    | - English |

## Technical skills

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|----------------------------|------------------------------|------------------------------|
| - Java, js, c, sql, python | - Spring, Angular, hibernate | - JUnit, Mockito             |
| - Jenkins, Git, SonarQub   | - Maven, gradle              | - Oracle, postgresql, Sybase |
| - DDD, microservices       | - Confluence, Jira, Scrum    | - Design patterns,           |

## Projects

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- **MASSROUFI** : Build of a mobile application that allows managing the personal budget using **Flutter, Dart**
- **CINEMA MANAGEMENT**: Design and realization of a web application to manage cinemas in different cities using **Angular, thymleaf, Spring MVC**.
- **MOVIE PLATFORM** : Design and development of a movie platform that uses content-based filtering for recommendations using **JavaScript, PHP, HTML, CSS, MySQL, BOOTSTRAP, JQUERY**.

## Hobbies

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|---|------------------|---------------------|
| - Creating content on <a href="#">YouTube</a> , | - Video editing, | - Music (Deep RAP), |
| - Puzzle solving,                               | - Reading,       |                     |