







# Souheyb BOULARAK

Full-stack Developer JAVA | SPRING | ANGULAR | REACT, ECM  
Consultant .

Information systems engineer with Master's degree ,Full Stack Web developer by passion, Java native speaker with a flavor of JavaScript. Challenges are my daily driver

 Constantine |  +213 542 797 585 |  [cs\\_boularak@esi.dz](mailto:cs_boularak@esi.dz) |  [linkedin](#)

---

## Bio

Highly motivated individual , fast hungry learner with goals & challenges oriented spirit.

Interested mainly on developing high quality web apps using latest technologies to build high-end enterprise level solutions and startups that solve community problems efficiently with added values impact

## Qualifications

- **Strong academic background with excellent record** in computer science related-subjects & others (Linear algebra, mathematical analysis, mathematical logic, probalistics and statistics, advanced knowledge on complex algorithms and data structures, informations systems management & modelization, advanced oriented-object modelization & programming techniques ,mathematical logic,advanced operating systems architecture and administration,Software engineering processes:"OOP" "UML" "UDP" "UP" "SCRUM" "AGILE" ,decisional systems modelization & BI techniques ,enterprise knowledge management systems, semantic web, optimisation techniques & graph theory, ,advanced service-oriented modelization and programming techniques , basis artificial intelligence concepts & knowledge ).

- **Backend** : Java, Java EE, Jakarta EE ,Spring boot (Spring MVC, Spring Data & REST, Spring JPA, Spring Security, Spring web services, Hibernate, JAX-WS, JAX-RS)
- **Frontend** : mastering Javascript, TypeScript ,React ,React Native and having Angular concepts necessary knowledge.
- Unit testing (JUnit, Mockito).
- **Web application architectures** : SOA (REST | SOAP) | Microservices principles | MVC | monolithic.
- **Version control**: Git, TFVC., Github.
- **Relational databases design and administration** : OracleDB | PL/SQL | MySQL | PostgreSQL | SQL | ORM | Hibernate.
- **Information systems design methodologies**: UML | MERISE | Requirements analysis & engineering.
- **Good knowledge on enterprise information systems** : ERP | CRM | SCM.
- **Good knowledge** on Compiere ERP.
- **Strong linux knowledge and skills** (OS installation procedures, bash scripting, users management, installing and configuring SSH (Secure Shell) encryption, files commands, automatic tasks execution. ..).



## Experiences

### Junior FullStack Developer (Angular | Java, SpringBoot)

IT solutions Algérie | August 2022-present

- Working on existing BI solution, extending its functionalities, implementing new modules, documenting new features etc ..

### Junior ECM Consultant

IT solutions Algérie

Mars 2022-Août

- Working on OpenText technologies mainly on Extended ECM Platform (OTDS, OTCS, Archive Center , Enterprise Scan) , Opentext Capture center ...

## **Software engineer**

**Anwi E-commerce | September 2021-octobre 2021**

- Developing internal solutions using Laravel
- Solving real-world problems & propose real solutions

## **Freelancer Developer**

**June 2020 - present**

- I developed a **web application for commercial management** workflows for a local laboratory of analysis related to road, hydraulic, building and concrete works using React, Spring Boot, PostgreSQL following Scrum Agile demarche.
- I participated as remote developer in the development of a **web collaborative SaaS platform to implement a BIM system** (Building Information Management) in the profit of a Canadian company using Angular, Spring Boot, PostgreSQL, Docker, JIRA, git following Scrum Agile demarche, with Scrum Agile methodology.

## **Information systems consultant**

**NADPHARMADIC pharmaceutical laboratories**

**June 2021- now**

- Supervising and maintaining the information system (ERP Compiere).
- Supervising and maintaining the IT infrastructures (both hardware & software)
- Integrating, suggesting and developing new solutions for functional needs.

## **Information systems engineer**

**Numidia SPA public dairy company**

**November 2018- May 2021**

- Supervising and maintaining the information system (Legacy software).
- Integrating and developing new solutions for functional needs.
- Conducting and monitoring a highly challenging digital transformation project to update the legacy information system (software solution developed in the DOS environment with Clipper and dBase) and shift to

a recent ERP solution with more functionalities and capabilities to enhance productivity and adopt a modern .

## Education

- Master's degree | 2020 | Top 5 🏆 | [Information systems and web technologies,UC](#)
- Bachelor degree | 2018 | 1st 🏆 | [Information systems,UC](#)
- Preparatory classes | 2012-2015 | Top 5% 🏆 | [Higher school of computer science](#)
- Baccalauréat diploma with honors in mathematics branch: very good grade 🏆 : 17.13 mark general average.

## Languages

- Arabic (native).
- English (Advanced : C1: Certified TOEFL 92 | 120).
- French (Advanced : C1: Certified TCF 543 | 699).

## Educational projects

- **Pluridisciplinary project in the 2<sup>nd</sup> year of preparatory cycle:** with a group of 5 students we developed a **survey web application** from scratch in the profit of our school using HTML,CSS,JS,PHP, MySql and stimulating a real work project scenarios : weekly meetings with the client(3 supervisor teachers) to show progress status report, responding to the client functional needs and getting feedback to adjust the solution to the right need and after two and half month of work the product was presented in front of a evaluation jury to judge the final output the ,team members behavior and both the technical tools and approaches.
- **Bachelor degree end of study project :**The main purpose of the the project project is to apply the the Unified Process methodology(UML diagrams with OOPs principles to develop a web application from a specifications document ,so in a team of 3 students we developed a web application of a Freelancing platform using Java EE technologies(JSP & Servlets),Hibernate for ORM interaction with a PostgreSQL database , Javascript.for handling user interactions with a material UI library to make the application responsive to work in multi screen sizes(PC,

smartphones, tablets)..Weekly meetings were scheduled with a supervisor teacher to show progress status , check the respecting of specifications s and getting the feedbacks. Finally we provide complete technical and user documentations for the final-end users and a thesis-like essay report for the academic jury.

- **Master's degree end of studies project:** The Main purpose of the thesis is to apply an agile approach (SCRUM in our case) for developing a web application project so in a team of two students with al developed a web and mobile platform in the profit of a private laboratory acting in roads & building construction & quality analysis for managing their project management workflows and sending daily reports from workers in different multiple sites across the country to eliminate paperwork hassles and upgrade the management workflows with information technologies .The solution was developed with multiple technologies as Reac(for web client)t ,react native(for cross-platform mobile clients ios & android) ,and the backend was developed by Spring boot (we implemented with spring security ,spring data REST ,Spring JPA) ,JWT for security and authentications with a lot of features and following Microservice-like architecture (Single Web Page with RESTFul API).
- Basis knowledge with Python,Django,PHP,Laravel .
- Familiar with web services integration,orchestration and choreography (openESB ,BEPL,BPMN).
- Familiar with reporting tools.

### **My current learning roadmap path:**

- Master CI/CD processes (Jenkins ,Ansible)
- Learning BI tools and techniques (powerBI,BIRT)
- Master search, discovery and analytics open source tools (Apache Solr,Apache Lucene,RediSearch).
- Master containerization technologies (Docker, Kubernetes).
- Learning Hadoop suite technologies.
- Learning new web API techniques :gRPC, GraphQL.

### **Personal informations:**

- 29 years old.
- Discharged military.
- Ability to work across all the national territory.

