Hiba Ajabri

Software Engineer | Researcher

- 🌐 Nationality: Marocaine
- ♒ 08/06/1999
- 📍 Azrou - Maroc

- 🎓 Degree: Software Engineer
- 💬 Languages:
English: Fluent, *French*: Fluent.

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- 🌐 *Hiba Ajabri | Portfolio*
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</> PROFIL

Software Engineer from the National School of Computer Science and Systems Analysis (**ENSIAS**). I have three years of **research experience** in the context of an **industrial project** (**RODIC**), carried out at **Nantes University** and **LS2N** Laboratory.

Areas of expertise: Software Language Engineering (SLE), Model Transformation, Model Execution, Trace Analysis, Query Languages.

PROFESSIONAL EXPERIENCES

2022 — **PFE Internship (Research Internship)**
LS2N · University of Nantes 📍
Performance Benchmarking of Executable Domain-Specific Languages. 🔧**Tools** : Gemoc studio, Kermeta 3, ATL, Xtext, OCL.

2021 — **Second year Internship (Web development, DevOps)**
MAROC TELECOM · Maroc 📍
Study and development of an application for monitoring the activities and working times of the SAL department consultants. 🔧**Tools** : Spring –Angular- Node js - keycloak –MySql

2020 — **First year Internship**
ENSIAS - CCME · Maroc 📍
Contribution to the implementation of a Skilling up application. 🔧**Tools** :Spring boot- Angular - MySql

PROJECTS & RECENT WORK

JOT Journal Publication - ECMFA 2025 Conference
Develop a Trace Domain Query Language (**TraceDQL**) for exploring an execution trace and retrieve data for advanced analysis (*see more*).

MODELSWARD 2024 Conference
Design and Develop a framework for evaluating the performance for an industrial xDSL (*see more*).

Web Development Project
Set up a web application that enables suppliers to manage their products and handle customer orders. (*see more*). 🔧**Tools**: UML, Spring boot, Hibernate, MySQL, JQuery.

TRAININGS

2023-2025 — **Ph.D Student**
NANTES UNIVERSITY · Nantes, France 📍
 PhD researcher in Computer Science-Performance for executable domain-specific languages (xDSLs)

2022 — **STATE ENGINEER DIPLOMA**
ENSIAS · RABAT, Maroc 📍
 Engineering cycle – Software Engineering (GL)

2019 — **GENERAL UNIVERSITY STUDIES DIPLOMA**
OMAR BN KHATTAB · Meknès, Maroc 📍
FORMATION **CPGE**: Preparatory classes for higher engineering scholes – Option: **MP**.

2016–2017 — **BACCALAUREATE CERTIFICATEl**
TAEIK BNOU ZIAD · IFRANE, Maroc 📍
International Stream of **Mathematical Sciences (A) - Option: french** - High distinction, graduating with **Honours**.

SKILLS

Problem Identification & Situation Analysis
Innovative Solutions & Approaches
Implementation & Programming
Documentation
Communication & Collaboration
(*see more*)
Mobile and Web Development (full stack): Knowledge of Technologies and Programming Languages, such as Java, Xtend, Javascript, Html, CSS, xml, Spring Boot, Angular, Node Js, Android.
Work tool knowledge: *Git*, Intellij, Eclipse, Docker.

CERTIFICATES

2024 — *Best Student Paper* award
2021 — IBM Academic Certificate for *Big Data Engineer*

CORE PROFESSIONAL VALUES

- ★ Seriousness
- ★ Respect