





Oussama BOUZEKRAOUI

Personal details

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Acquaintance

-  Programming languages : Java - Python - C - C# - R - VBA - PL/SQL
-  Web Technologies : HTML - CSS - JavaScript - TypeScript - Bootstrap - React - Spring - Django - Angular
-  Softwares : Apache Kafka - Terraform - Docker - Kubernetes
-  Organization tools : Jira - Trello - GitHub - Clickup - Bitbucket
-  DBMS : Oracle - MySQL - PostgreSQL - MongoDB - SQLite

languages

- Arabic (Native)
- English (Fluent)
- French (Fluent)
- German (Beginner)

Hobbies

-  History
-  Gaming
-  Problem solving

Profile

I am a Software Engineer at the Mohammadia School of Engineering. I am currently seeking a permanent position with the aim of gaining expertise and further enhancing my skills.

Education

- Engineering degree, Software Engineering** Sep 2020 - Jun 2023
Mohammadia School of Engineering
- Preparatory Classes for Engineering Schools** Sep 2018 - Jul 2020
Moulay Driss High School
- Baccalaureate in Mathematics Sciences** Jun 2018
Sijilmassa High School

Internships

- End of Study Internship** Mar 2023 - Jun 2023
CGI
Implementation of a CI/CD pipeline using Terraform.
 - Implementation of a .JSON utility that validates Terraform files and generates the ARM Template file.
 - Implementation of a pipeline that automates the deployment process of Azure resources in the three environments (production, staging, development).Tools used : Terraform, Microsoft Azure, GitHub Actions.

- Engineer Internship** Jul 2022 - Aug 2022
Stark Solutions
Improvement of a Full Stack web application designed for clinic management.
Achievements:
 - Translation of the application into three languages (English, French, and German) using Angular Internationalization (i18n) feature.
 - Implementation of a process to automate recurring appointments.
 - Generation of barcodes and QR codes for clinic entities such as suppliers, medications, beds, etc.Tools used : Spring, Angular, TypeScript, HTML, CSS.

- Observation Internship** Jul 2021 - Aug 2021
ORMVA
Development of a web application for electronic document management that allows users to upload or download archived documents.
Achievements:
 - Implementation of the application design using UML (Unified Modeling Language).
 - Development of the frontend components, including login, logout, and about pages.
 - Implementation of the backend to enable communication between the frontend interfaces and the database.
 - Creation of the document management page using the DevExpress library.Tools used: Django (Python web framework), HTML, CSS, Bootstrap, JavaScript, JQuery.

Certificates

- Microsoft Certified : Azure Fundamentals** Jun 2023
Microsoft

Academic projects

Ecole Chatbot

Development of a Chatbot dedicated to individuals seeking information about a specific school (majors, registration fees, etc.).

Tools used: Spring, React, OpenNLP.

Virtual Assistant

Development of an AI Assistant that facilitates the management of various tasks performed by an assistant within a company.

Tools used: Spring, React, Socket.IO, Rasa.

MyMovies

Development of a movie management application using the TMDB API.

Tools used: Angular, ExpressJS.

Weather App Forecast

Development of a mobile application aimed at providing weather information for a specific city or based on the user's location.

Tools used: Android Studio, Java, Firebase, Figma.