



# TASNIM KAMOUN

Software Engineer and Business Developer

## Professional Experience

### Software Engineering Consultant

Mar - Aug 2024

IBM | Paris, France

- Mission at L'Oréal Beauty Tech Data Platform.
  - Developed a tailored web platform for data visualization and dashboards development with low-code/no-code approach : reduced coding by automating front-to-back API wiring on the front module.
  - Led the migration of dashboard from Power BI to the web, putting user experience and performance of the dashboard at heart.
  - Assisted team in agile practices application.
- React, GCP, Git, ServiceNow (Agile).

### Full-stack Developer

Jun - Aug 2023

Amadeus | Nice, France

- Enhanced notification platform by processing external data feed, uncovering 40% of its potential, and implementing consistency and reliability checks, through a dashboard.
- SpringBoot, Angular, MongoDB, Git, Jira (Agile).

### Full-stack Developer

Jul - Aug 2022

Sofrecom | Tunis, Tunisia

- Developed a web App that helps the HR Team substitute the annual exercise of pay raises (classically, on EXCEL), to prevent leaks and to automate 70% of the manual tasks.
- SpringBoot, Angular, PostgreSQL, Git, Jira (Agile).

### Chatbot Developer

Jul - Aug 2020

Focus Corporation | Tunis, Tunisia

- Designed, developed, and tested a Chatbot that serves as a tool answering employees' questions and providing information about the corporate.
- Google Script, Google Chat.

## Projects

### Generation of Inputs for Dictionary Attacks

2023

- A Scientific Research to enhance online account security against targeted attacks using an innovative approach that combines NLP, AI, and cybersecurity techniques.
- Python, Scientific Research.

### C Language Compiler & RISC-5 Implementation

2023

- Developed a memory-oriented compiler for efficient C-to-assembly translation for a RISC-5 processor. It was implemented on FPGA hardware for execution.
- Flex, Bison, C, VHDL.

### Desktop Messaging Java App Development

2022

- Developed App based on MVC model, to allow a smooth chat between distant users.
- Jira (Agile), Java, JavaFX, Java Swing, SQLite, Jenkins.

## Education

### INSA Toulouse

2019 - 2024

Master of Science in Engineering, in Computer Science and Network

### Toulouse School of Management

2022 - 2024

Master in Business Development

### Technical University of Hamburg-Harburg

2021 - 2022

ERASMUS Exchange, Bachelor in Computer Science

### Pioneer High School Of Ariana, Tunisia

2015 - 2019

High school Diploma in Mathematics, High Honors

## Information



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## Skills

Frameworks :

React, Angular, SpringBoot, Bootstrap

Coding :

Java, C, C++, Python  
Typescript, JavaScript, HTML, CSS  
OCaml, Haskell, Prolog  
PostgreSQL, SQLite, MongoDB  
Unix, Flex, Bison, VHDL

Tools :

JavaFX, MATLAB, Keil, Office

Personal :

Problem-solving, creativity  
Autonomy, leadership  
Communication, team spirit

## Interests

Volunteering: UNICEF ambassador, member in student council and tutor

Music : confirmed pianist, self-taught guitarist and composer

Reading : books, novels

Games : puzzles, cards and escape games

Documentaries: psychology, philosophy, science, history, politics

## Languages

English Fluent (TOEIC-C1)

French Fluent (DALF-C1)

German Basics

Arabic Native