

Yosra Sassi

JUNIOR SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

ADDIXO

August 2022-Present

PART-TIME FULL STACK ENGINEER (JAVA/JEE ANGULAR)

- Led UML modeling and design, implementing 10+ features with 100% user satisfaction.
- Conducted weekly code reviews, resolving bugs in 2.5 days, enhancing overall code quality.
- Demonstrated expertise in Front End (Angular 8, PrimeNG, HTML5, CSS3) and Back End (Spring Boot 2.x, REST, JPA, JDK 8).
- Integrated complex Excel data, reducing configuration time by 60%.
- Applied Agile (Scrum) for 3 tasks/sprint, maintaining 90% team satisfaction, integrating feedback for continuous improvement.
- Collaborated efficiently using Git tools, executing 30+ successful code merges.
- Utilized Jira for streamlined project management.

ADDIXO

February 2022-June 2022

JUNIOR SOFTWARE DEVELOPER INTERN

- Led the conception and implementation of a real-time stock management module for ADDIXO smart factory in the final project, cutting overall time by 25% and improving efficiency 30%.
- Integrated 15+ Industry 4.0 concepts, enhancing the stock module and ensuring clear functionality.

EDUCATION

Higher Institute of Computer Science (ISI)

- Engineering Majors: Software Engineering
- Bachelor's Degree: Computer science

September 2022-Present

September 2019-June 2022

- **Relevant coursework:** Data Structures and Algorithms, Artificial Intelligence, Database Management, Application Development, Software Design and Development, Operating Systems, Data Science.

EXTRACURRICULAR ACTIVITIES

Enactus ISI Club Member

January 2020-June 2022

- Contributed to entrepreneurial initiatives by developing and implementing real projects that deliver tangible benefits to individuals and communities.

PROJECTS

Bingo Game

- Implemented both RMI and RPC versions for a distributed gaming system using Java.

CinéExpert

- Flask-based movie recommendation system using the experta library, offering personalized movie suggestions based on user-chosen criteria like sentiment, genre, director, actor, and duration.

Sign Language to Text Conversion

- Converted American Sign Language gestures into text using neural networks, achieving 98.00% accuracy for the 26 letters of the alphabet.

Age and Gender Detection

- Developed a facial image-based Age and Gender Detection system using Convolutional Neural Networks (CNNs) for precise and simultaneous predictions.

CERTIFICATIONS

- Microsoft Office Specialist Excel 2019
- Introduction to Data Science
- Microsoft Azure Data Fundamentals
- Microsoft Azure AI Fundamentals

April 04, 2023

January 17, 2024

January 23, 2024

February 05, 2024

LANGUAGES

- **Arabic:** Native.
- **French:** Advanced.
- **English:** Advanced.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, JavaScript.

Web Technologies: HTML, CSS, JavaScript, Bootstrap, PHP.

DataBase: MySQL, MariaDB, PostgreSQL, MongoDB.

Frameworks: Angular, SpringBoot.

Data Visualization: Excel, MatLab.

Others: Linux, Git, Latex, Machine Learning, Distributed System, Cloud, Dockers, Statics.