# Racem Sethom

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#### **EDUCATION**

**TEK-UP University** 

Engineer's degree in computer Science

**Faculty of Sciences** 

Bachelor's degree in computer science

Ariana, Tunis

September 2022 - June 2025

Bizerte, Tunis

**September 2019 - June 2022** 

#### **SKILLS SUMMARY**

Languages: JAVA, PHP, JavaScript, Typescript, Dart, C, Python, HTML, CSS

• Frameworks: Spring Boot, Angular, .NET, Symfony, Django ,Flutter, ReactJs, NextJs , Bootstrap

• Database: SQL, MySQL, NoSQL PostgreSQL, MongoDB

• DevOps: Git,GitHub, Gitlab (Pipeline Cl/CD), Aws, Docker,Linux, Kubernetes

• Big Data: Spark, Hadoop

• Platforms: Visual Studio Code, IntelliJ IDEA, Android Studio, PhpStorm

• Methodologies: Scrum, Kanban

Language: Arabic Native, French B2, English C1, German A1

• Soft Skills: Rapport Building, Strong Stakeholder management, People Management, Excellent communication

#### **INTERNSHIP**

### Summer internship in Pithos Global Technology

July 24- September 2024

- Developed a web enterprise platform with core functionalities tailored to meet business needs, including user management, services, and dynamic content handling.
- Implemented a webmaster dashboard with RBAC (Role-Based Access Control) for internal users, featuring conditional rendering based on user roles and ensured security using HTTP-only cookies for sensitive data.
- o Technologies used: NodeJS, ReactJS, NextJS, MongoDB.

### Summer internship in Tek-up university

June 24- July 2024

- o Designed and developed a real estate rental management website.
- o Implemented an admin dashboard for managing listings, profile, and viewing statistics.
- o Created a customer interface to browse rental listings and make reservations.
- o Technologies used: Spring Boot, Angular, MySQL.

#### End-of-year project internship in Sofirux

January 22- June 2022

- Designed and development of a website and an E-commerce mobile application
- o Implemented a Dashboard for the administrator to manage the application and consult the statistics
- o Implemented An interface for the customer to consult the application and make orders
- o Use the yield management method to increase the profit of the website owner
- o Technologies used: Spring Boot, Thymeleaf, Flutter, MySQL.

# **PROJECTS**

### "Mr. Green" an online platform designed to promote environmental sustainability

**January 24- May 2024** 

- o Instant Messaging (using Socket.io)
- o User-friendly Interfaces + Dashboard Stats
- o Integration of a map
- Smart trash (IoT component)
- o Technologies used: NodeJs ,Angular , MongoDB

## Hotel Management web and Mobile app

February 24- April 2024

- o Efficient management of hotel operations
- o Admin controls customers, employees, resources
- o Offers statistics for decision-making
- o Technoligies used : Spring Boot , API, Android ,MySQL

# **Web Application to Connect Clients with Tunisian Artisans**

September 23- December 2023

- Integration Docker
- Active collaboration using Git and GitHub as version control system
- O User /payment/business process management
- Technoligies used : Symfony, Twig , MySQL