

LOUAY CHEKER SASSI

FULL-STACK DEVELOPER | AI SOLUTIONS

 (216) 52 248 646  louaychekersassi@gmail.com  github.com/LouaySassi  linkedin.com/in/louaysassi

Full-Stack Web Developer with a Bachelor's degree in Computer Science and real-world experience creating scalable, secure web platforms. Enthusiastic about AI and integrating backend systems, with expertise in tools like IBM FileNet, React, and Spring Boot. Seeking to contribute strong development and system design skills to high-impact technical teams.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, C, Python, PHP
- **Frameworks & Libraries:** React.js, Node.js, Express, Spring Boot
- **Tools & Platforms:** IBM FileNet, AWS, Git, Figma, WordPress, Adobe XD, Photoshop, Illustrator
- **Databases:** MySQL, MongoDB, Oracle, PostgreSQL

PROFESSIONAL EXPERIENCE

King Solar Agency

Aug 2024 - Jun 2025

Founder & Full-Stack Web Developer

- Launched and scaled a web design & development agency serving the U.S. solar market
- Delivered high-converting lead-gen websites with average conversion rate > 18%
- Achieved 100% client satisfaction, managing end-to-end development, SEO, and hosting
- Improved site speed by 60% through performance optimization

BestWay IT Tunisia

Feb 2025 - Jun 2025

Final Year Project Intern

- Engineered a full-stack patient management platform using React and Spring Boot, targeting clinic digitization
- Integrated IBM FileNet with CEWS API, ensuring secure document storage.
- Integrated an AI chatbot for medical triage and scheduling, reducing manual workload by 30%
- Built role-based dashboards for 3 user types (patients, doctors, clinic admins) with secure login & appointment flow

SWD Agency

Sep 2023 - May 2024

Web Developer

- Developed and maintained 6+ client platforms, including e-commerce and travel booking systems
- Customized backend modules, resulting in 25% client satisfaction improvement and 30% faster load times
- Resolved 100+ production issues and implemented scalable solutions to reduce future incidents

EDUCATION

Bachelor's Degree in Computer Science

2022 - 2025

Faculty of Sciences of Tunis

- *with honors – Excellent*

High School Diploma in Computer Science

2022

Lycée Cité Essalem Boumhal

- *with honors – Très Bien*

KEY PROJECTS

DocAI – Intelligent Patient Management Platform

React.js • Spring Boot • IBM FileNet • PostgreSQL • Gemini API

- Engineered a full-stack healthcare web application with modular role-based dashboards
- Integrated Gemini API to power a chatbot that guides users through triage and appointment booking
- Integrated IBM FileNet for secure storage and retrieval of patient records
- Implemented user authentication, form flows, and appointment logic in backend

Binomi – Roommate Matching Platform

React.js • Node.js • Express • MongoDB

- Developed a swipe-based roommate matcher for university students
- Implemented lifestyle- and rent-based filtering logic in backend API
- Built dynamic frontend components to deliver an interactive, responsive experience

CERTIFICATIONS

• Web Development	جمعية نادي الاعلامية للامن الوطني	July 2018
• Video Editing	جمعية نادي الاعلامية للامن الوطني	Dec 2017
• Photoshop	جمعية نادي الاعلامية للامن الوطني	Apr 2017
• Animation 2D-3D	جمعية نادي الاعلامية للامن الوطني	Mar 2018
• Office Automation	جمعية نادي الاعلامية للامن الوطني	Feb 2017

ASSOCIATIVE LIFE

Enactus FST el manar	2022 - 2025
Member, Former executive board member	
Tuni'Act Boumhal	2023 - 2024
Member	
IEEE FST CS CHAPTER	2022
Member	