

# LOUAY CHEKER SASSI

## FULL-STACK DEVELOPER | AI SOLUTIONS



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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 – Trés Bien

## KEY PROJECTS

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### 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

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• <b>Web Development</b>	جمعية نادي الاعلامية لامن الوطن	<a href="#">July 2018</a>
• <b>Video Editing</b>	جمعية نادي الاعلامية لامن الوطن	<a href="#">Dec 2017</a>
• <b>Photoshop</b>	جمعية نادي الاعلامية لامن الوطن	<a href="#">Apr 2017</a>
• <b>Animation 2D-3D</b>	جمعية نادي الاعلامية لامن الوطن	<a href="#">Mar 2018</a>
• <b>Office Automation</b>	جمعية نادي الاعلامية لامن الوطن	<a href="#">Feb 2017</a>

## ASSOCIATIVE LIFE

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### Enactus FST el manar

[2022 - 2025](#)

*Member, Former executive board member*

### Tuni'Act Boumhal

[2023 - 2024](#)

*Member*

### IEEE FST CS CHAPTER

[2022](#)

*Member*