LOUAY CHEKER SASSI

AI-DRIVEN FULL-STACK & SOFTWARE DEVELOPER

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Results-driven full-stack developer with expertise in AI integration, scalable backend systems, and intelligent automation. Proven track record in delivering high-performance web applications using .NET, React, Spring Boot, and AI tools. Passionate about building data-driven, secure, and user-centric solutions that drive measurable improvements in speed, reliability, and conversion.

TECHNICAL SKILLS

- **Languages:** C#, Java, JavaScript, Python, Java, C, SQL, PHP
- **Frameworks & Libraries:** .NET, WPF, React.js, Node.js, Express, Spring Boot
- **Tools & Platforms:** IBM FileNet, AWS, Git, Figma, WordPress, Adobe XD, Photoshop, Illustrator
- **Databases:** SQL Server, PostgreSQL, MongoDB, MySQL
- **Certificates:** Web Development, Advanced Prompt Engineering, Video Editing, Graphic Design, Office

PROFESSIONAL EXPERIENCE

Linedata Tunisia | Global Hedge Team   **Nov 2025 - Present**
Software Developer (.NET)

- Develop and maintain .NET/WPF applications for global hedge fund management systems using MVVM architecture.
- Optimize backend modules to improve system performance and reliability.
- Collaborate in agile teams, ensuring high code quality through reviews and delivery reporting.

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

SWD Agency   **Sep 2023 - May 2024**
Web Developer & Designer

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

KEY PROJECTS

DocAI – Intelligent Patient Management Platform
React.js • Spring Boot • IBM FileNet • PostgreSQL • Gemini API

- Full-stack healthcare app with AI chatbot for triage and appointment booking.
- Secure document storage via IBM FileNet; role-based access for patients, doctors, and admins.

Binomi – Roommate Matching Platform
React.js • Node.js • Express • MongoDB

- Swipe-based roommate matcher with lifestyle and rent filters.
- Interactive UI with real-time matching logic.

EDUCATION

Engineering Degree in Computer Science	Esprit Engineering School	**2025 - Present**
Bachelor's Degree in Computer Science	Faculty of Sciences of Tunis	**2022 - 2025**

- *with honors – Excellent*