

ARFAOUI KARIM

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Bouarada, Siliana - 6180, Tunisia

OBJECTIVE

I am seeking a position as a software engineer where I can leverage my strong skills in Angular, Node.js, and full-stack development. I am dedicated to fostering innovation and excellence in building high-quality, user-centric applications, while contributing to the success of cutting-edge projects in areas such as business systems, e-commerce, and enterprise solutions.




EXPERIENCE

- **Poste Tunisienne**  June 2021 - August 2021, June 2022 - August 2022, June 2023 - August 2023
Postal Clerk Bouarada, Tunisia
 - Provided customer service and support at the postal counter, managing transactions and requests.
 - Handled various postal and financial services, ensuring efficient service delivery to customers.
 - Assisted in implementing new procedures to improve transaction processing and customer satisfaction.
- **Anda Communication**  February 2024 - June 2024
Full Stack Developer Remote
 - Developed a Point of Sale (POS) application using Angular, Express.js, and PostgreSQL, enhancing transaction efficiency and user experience.
 - Developed and optimized backend APIs to support the POS system, increasing data processing speed by 30%.
 - Implemented security measures and data validation processes, reducing potential vulnerabilities by 25%.
 - Collaborated with cross-functional teams to ensure smooth integration and deployment of the POS application.
- **Starz Electronics**  June 2024 - July 2024
POS Application Developer Freelance
 - Developed two distinct POS systems: one for gas stations and another for restaurants.
 - Used Angular, Express.js, and PostgreSQL, identical to the technologies in my final year project, to ensure fast and secure transactions tailored to each business type.
 - Integrated specific features to improve inventory and payment management.

EDUCATION

- **Faculty of Sciences of Bizerte** September 2020 - June 2024
Bachelor's Degree in Software Engineering and Information Systems Bizerte, Tunisia
- **Secondary School of Bouarada** June 2020
Baccalaureate in Experimental Sciences Bouarada, Tunisia

PROJECTS

- **Personal Portfolio: An interactive website showcasing my skills and projects.** July 2024
Tools: React, Three.js, Tailwind CSS
 - Developed a personal portfolio using React, Three.js for interactive 3D animations, and Tailwind CSS for a modern responsive design.
 - Highlighted projects and technical skills through a dynamic and aesthetically pleasing interface.
- **Commercial Cash Register System: A point-of-sale system for transaction management.** February 2024 - June 2024
Tools: Angular 17, Express.js, PostgreSQL 
 - Led the development of a commercial cash register using Angular 17, Express.js, and PostgreSQL.
 - Designed the user interface, integrated the system, and implemented security measures to enhance transaction efficiency.
- **Task Management Application: A tool for tracking and managing tasks.** January 2024
Tools: Angular 17, Node.js, MongoDB 
 - Developed a task management tool that improves productivity through simplified task management.
- **Ordering Application: An optimized food ordering app.** February 2024
Tools: Angular 17, Node.js, MongoDB
 - Created a food ordering application with Angular 17, enhancing user interaction through optimized menu navigation and order management.
- **CRUD Application with JEE: An efficient data management system.** Personal Project
Tools: Java EE, MySQL 

- Built a CRUD system based on Java EE, showcasing backend development skills and system scalability.
- **Digital Design Projects in Figma: High-fidelity mobile application prototypes.** Personal Project
Tools: Figma [🌐]
 - Specialized in mobile application design using Figma, focusing on user-centered design to deliver optimal experiences.
- **E-commerce Platform: A scalable online shopping platform.** April 2024 - June 2024
Tools: Angular 17, SpringBoot, MySQL [🌐]
 - Developed a complete e-commerce platform using Angular for the frontend and SpringBoot for the backend.
 - Implemented user authentication, product management, and order processing features, enhancing the security and efficiency of the platform.
 - Integrated MySQL for data management, ensuring robust and scalable database solutions.

SKILLS

- **Programming Languages:** Java, Python, JavaScript, TypeScript, C/C++
- **Front-End:** Angular, Three.js, React, HTML/HTML5, JavaScript/TypeScript, CSS/SAAS, Tailwind, Bootstrap
- **Back-End:** Node.js, Express.js, RESTful Web Services, Java, SpringBoot, JavaEE
- **Database Systems:** SQL, MySQL, MongoDB, PL/SQL
- **Modeling & Design:** Blender, StarUML, Miro, Figma, Adobe Photoshop
- **Other Technical Knowledge:** Version control with Git (GitHub), Task Management: Jira, UX/UI concepts, Design Patterns, SOLID Principles, Database Design
- **Interpersonal Skills:** Excellent communication and collaboration skills, Strong work ethic, Receptive to feedback

LEADERSHIP EXPERIENCE

- **Head of Development Committee** September 2021 - June 2023
Cyber Processing Unit Club / Faculty of Sciences, Bizerte [🌐]
 - Led the Development Committee, overseeing multiple software engineering projects and initiatives.
 - Improved project delivery efficiency by 20% through the implementation of agile methodologies and team collaboration tools.
 - Led the development of a new software platform for the club, enhancing overall operational efficiency.

ASSOCIATION EXPERIENCE

- **Active Member** 2019 – Present
Bouarada Volunteer [🌐]
 - Organized and participated in community outreach programs, providing essential support and services to local families.
 - Facilitated educational workshops and training sessions for children, promoting their learning and development.
 - Developed strong teamwork and leadership skills through collaborative projects aimed at improving community well-being.

CERTIFICATIONS

- **HTML/CSS/JavaScript Certification** 2021
- **Angular Certification** 2023

ADDITIONAL INFORMATION

Languages: Arabic (Native), English (Professional Proficiency), French (Intermediate)

Interests: Software Development, Problem Solving, UI/UX Design

Driver's License: Obtained on August 17, 2019