

Khaled AMARI

Sr. Software Engineer

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ABOUT

As a skilled engineer with 6 years of experience, I excel in problem-solving and delivering comprehensive solutions across the entire software development lifecycle (SDLC). My expertise spans from business analysis and technical design to front-end development, back-end implementation, Unit, Functional, End-2-End testing., and finally deployment

SKILLS

Languages: JavaScript(ES6+), TypeScript, Shell Scripting.

Front-End: ReactJS, NextJS, Vue JS, D3.js, HTML5, CSS3, TailwindCss, SASS, BEM, Styled Component, MaterialUI, Vuetify, Storybook.

State Management System: Redux, Redux Toolkit, Zustand.

Back-End: NodeJS, ExpressJS, NestJS, MoleculerJS.

Databases: PostgreSQL, MongoDB, MySQL, SQLServer.

Testing: Jest, React-Testing-Library, Cypress, Playwright.

Version Control System: Git, GitHub, Gitlab, BitBucket, Gitea.

Containerization: Docker.

Utility Tools: Nginx, Webpack, Babel, VM, Oracle VirtualBox, Eslint, Husky.

Operating System: Ubuntu, Windows, MacOS.

Cloud Computing: Azure Active Directory, LDAP.

Methodology: Agile, Scrum, ScrumBan, Kanban, Lean, POC, MVP.

PERSONALITY

- Effective Communication.
- Collaboration.
- Adaptability.
- Critical Thinking.
- Growth mindset.
- Knowledge sharing
- Analysis
- Decision-making
- Problem solving
- Passionate and enthusiastic
- Creative and Innovative

PROFESSIONAL EXPERIENCE

Full Stack Developer | Open Bee | France

Nov 2024 – Mar 2025

- Project: PDP(partner dematerialisation platforms) is an authorized platform that enables companies to send, receive, and process electronic invoices in compliance with French VAT regulations.

- Led the development of the PDP Platform, driving innovation and efficiency.
- Gained comprehensive knowledge of the technical stack and provided guidance to team members for enhanced understanding.
- Facilitated team member collaboration during the development phase to ensure seamless progress.
- Implemented design patterns to produce simple, maintainable, and scalable code.
- Developed REST and SOAP APIs to enhance system integration and functionality.
- Managed XML manipulations, including XSD control, XPath queries, data extraction, and file handling.
- Created CronJobs to automate and manage scheduled tasks effectively.
- Contributed to MongoDB performance optimization and security enhancements.
- Demonstrated expertise in Docker for container management and deployment.
- Utilized GitLab for version control and CI/CD pipelines orchestration, ensuring seamless automation testing and efficient code deployment.

Tools: Moleculer js, REST, SOAP, XML, Docker, Microservices, Factory Pattern, Abstraction, MongoDB, Directory Management System, PDF, Message Broker, RabbitMQ.

Full Stack Developer | Calx Consulting | KSA

May 2023 – May 2024

- Project: Project Managaement Platform that helps business start from Strategy to Reality.

- Maintained the Selis project, ensured ongoing functionality, and performance.
- Collected and prioritized 7 feature requirements, brooked them down into approximately 100 technical tasks allocated to 3 team members.
- Conducted extensive unit testing with Jest (80% threshold) to reduce production bugs and improve code quality.
- Streamlined decision-making by creating a visually appealing organization chart using D3JS and D3-org-chart.
- Put in place a comprehensive 20 point checklist for code reviews, reduced review time by 30% and improved code quality.
- Consistently applied best practices and principles to improve code readability and maintainability.
- Instituted weekly code review sessions for all pull request to maintain code quality and facilitated knowledge sharing.
- Employed Agile methodology to document user stories and technical

solutions, resulted in a 20% increase in development efficiency and improved project transparency.

- Implemented and maintained Jenkins pipelines to automate build, test, and deployment stages, reducing manual intervention and accelerating delivery timelines.
- Discover of Playwright and helped Junior QA Engineer to make End-2End Testing across different browsers.

Tools: React, Redux Toolkit, Storybook, TailwindCss, D3.js, WYSIWYG, Websocket, Node.js, Express, Docker, Jenkins, Code Review, Azure Devops, Playwright.

Full Stack Developer | 1Spatial | UK & USA

Jul 2022 - Apr 2023

- Project:

** 1Aero Editor is a platform designed to manage airplane operations and automate processes across all stages of air travel.*

** RIDOT is a platform that manages traffic systems and oversees bridge construction and maintenance.*

- Served as a pioneering developer on the 1AeroEditor and RIDOT Platforms
- Collaborated effectively with cross-functional teams across different locations
- Coordinated tasks and workflows among teams in various countries
- Contributed to the creation of user-friendly front-end interfaces
- Assisted in fixing features and prepared platforms for beta launch
- Applied best practices, principles, and initiated technical and business documentation
- Translated business needs and requirements into technical tasks
- Conducted market research and applied critical thinking to feature development

Tools: React, MUI, Zustand, Tanstack React Query, React Testing Library, Jest, Azure Active Directory, Sass, BEM, Technical Documentations, Business Documentations, Figma.

Full Stack Developer | Novhadrim | France

Sep 2020 - Jun 2022

- Project: *The DP4CC project is a digital transformation initiative under CRI4Data that streamlines and optimizes insurance processes.*

- Established reusable components to streamline development and ensure consistency
- Collaborated with UI/UX designers to convert Figma prototypes into user interfaces
- Tested various scenarios across different environments to ensure platform reliability
- Automated repetitive tasks using shell scripting to increase efficiency
- Developed and sustained API endpoints to support

platform functionality

- Configured Webpack and Nginx to meet specific technical requirements.
- Proficient in designing and implementing automated test scripts using Cypress to ensure robust end-to-end testing and improve software quality.
- Work closely with clients to synchronize and validate functional tests throughout the user journey.

Tools: Vue.js, Vuetify, Figma, Webpack, Nginx, Node.js, Express, Moleculer.js, MongoDB, Oracle Virtualbox, VM, Ubuntu, Script Shell, Deploiment, Cypress.

Web Developer | Media Web Service | Kairouan Apr 2019 - May 2020

- *Project: A platform designed to efficiently manage and automate school and high school education scheduling.*

- Established reusable components to streamline development and ensure consistency
- Collaborated with UI/UX designers to convert Figma prototypes into user interfaces
- Tested various scenarios across different environments to ensure platform reliability
- Automated repetitive tasks using shell scripting to increase efficiency
- Developed API endpoints to support platform functionality
- Configured Webpack and Nginx to meet specific technical requirements.

Tools: React, React Native, Redux, CodeIgniter.

EDUCATION

Master's degree in Computer Networks and Distributed Applications Sep 2010 – Jul 2013

Higher Institute of Computer Science and Management Kairouan

Degree in Computer Networks and Distributed Applications

Sep 2006 – Jul 2010

Higher Institute of Computer Science and Management Kairouan

LANGUAGES

Arabic, English, French