

Khaled AMARI

Full Stack Developer

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ABOUT

As a skilled engineer with 5+ 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, and deployment.

SKILLS

Languages: Javascript(ES6+), TypeScript, Script Shell.

Front-End: ReactJS, NextJS, VueJS, 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.

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.

Soft Skills:

- Effective Communication.
- Collaboration.
- Adaptability.
- Critical Thinking.
- Growth mindset.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Calx Consulting

May 2023 - Present

Maintained the Selis project, ensuring its ongoing functionality and performance.

- **Feature development:** Gathered new feature requirements, divided them into technical tasks, and allocated resources accordingly.
- **Code quality improvement:** Conducted extensive unit testing with Jest to reduce production bugs and improve code quality.
- **Decision-making visualization:** Streamlined decision-making by creating a visually appealing organization chart using D3JS and D3-org-chart.
- **Code review optimization:** Developed a comprehensive checklist for the team to streamline the code review process, reducing review time and improving code quality.
- **Best practices implementation:** Adhered to best practices and principles to enhance code readability and maintainability.
- **Collaborative code review:** Established code review sessions for each pull request to ensure code quality and knowledge sharing.
- **Agile documentation:** Documented user stories and technical solutions using Agile methodology to improve efficiency and transparency

Tools: ReactJS, Redux Toolkit, Storybook, D3.js, WYSIWYG, Express, PostgreSQL, TypeORM, Gitea, Ubuntu, Tailwind CSS, SASS, BEM, Docker, CI / CD, TypeScript, NextJS, NestJS.

Solution Architect | Sintegra Consulting

Apr 2024 - May 2024

Create High Level Design for Kata Sintegra

- **Led architectural design:** Created high-level design for Kata Sintegra project.
- **Eliciting business requirements:** Gathered customer requirements and determined their needs.
- **Backlog refinement:** User stories were added to the queue and divided into tasks.
- **Technical analysis:** Determined boundaries and technical needs.
- **Stakeholder communication:** Using Miro, I showed the architecture to the clients and solicited their input for further development.

Tools: Miro, High Level Design

Full Stack Developer | 1Spatial

Jul 2022 - Apr 2023

Pioneering Developer at 1AeroEditor and RIDOT Platforms

- **Pioneering role:** Served as a pioneering developer on the 1AeroEditor and RIDOT Platforms.
- **Cross-functional collaboration:** Collaborated effectively with teams across different functions and locations.
- **Task orchestration:** Coordinated tasks and workflows among teams in various countries.
- **Front-end development:** Contributed to the creation of user-friendly front-end interfaces.
- **Platform launch:** Assisted in fixing features and preparing the platforms for beta launch.
- **Best practices and documentation:** Implemented best practices, principles, and created technical and business documentation.
- **Requirement analysis:** Translated business needs and requirements into technical tasks.
- **Market research:** Conducted market research and applied critical thinking to inform feature development.

Tools: TypeScript, ReactJS, SASS, Styled Component, BEM, MaterialUI, Zustand, React Query, Jest, React-Testing Library, Azure Active Directory, SQLServer, Agile, Scrum, Lean, POC, Spring Boot.

Full Stack Developer | Novhadrim

Sep 2020 - Jun 2022

Improved, fixed, and added new features to the DP4CC platforms.

- **Component standardization:** Created reusable components to streamline development and ensure consistency across the platform.
- **UI/UX collaboration:** Worked closely with UI/UX designers to convert Figma prototypes into user interfaces.
- **Scenario simulation:** Tested different scenarios for various environments to ensure platform reliability.
- **Task automation:** Automated repetitive tasks using shell scripting to increase efficiency.
- **API development:** Implemented new endpoints and maintained existing ones to support platform functionality.
- **Technical configuration:** Configured Webpack and Nginx to meet specific technical requirements.

Tools: JavaScript(ES6+), VueJS, Vuetify, Webpack, Nginx, ExpressJS, MoleculerJS, MongoDB, Mongoose, Oracle VirtualBox, Virtual Machine, Script Shell, PKG, BitBucket, Ubuntu.

Web Developer | Media Web Service

Apr 2019 - May 2020

Made High School Time management Solution

- **Solution development:** Created a high school time management solution.
- **Real-time features:** Implemented real-time features to manage student, teacher, and class changes.
- **Front-end development:** Developed the project's user interface from scratch.
- **Customer follow-up:** Provided ongoing project follow-up and support to the client.

Tools: HTML5, CSS3, Javascript(ES6+), ReactJS, Redux, React Native.

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