



Khaled Kadoura, MSc

Fullstack Engineer

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Experienced Fullstack Engineer with over 10 years of expertise in agile product development and a strong focus on mentorship and collaborative teamwork. Skilled in legacy codebases migration, and passionate about crafting user-driven solutions while prioritising a positive developer experience.

SELECTED HIGHLIGHTS

- Seasoned in architecting and brainstorming a problem's solution, adapting a long-term solution mindset and a divide and conquer approach.
- Skilled in migrating Frontend and Backend legacies into newer code bases, and modern architectures.
- Leveraging automation and observability to improve processes, code confidence and system's health.
- Experienced in developing Design Systems and setting best-practices; improving cross-team communication and user experience.

PROFESSIONAL EXPERIENCE

FullStack Engineer

Gymondo GmbH 2021 – Present, Berlin

FullStack Engineer with a Frontend focus, working on a cross-functional team that improved customer's retention and overall user fitness journey.

- Migrated legacy FE codebase from AngularJs, and old React to TS react.
- Broke down BE monolith into domain-driven microservices and BFF architecture, improving availability, confidence and developer experience.
- Improved performance and a user consistent experience through the development of reusable components and a Design System.
- Carved new features derived by user-analytics and user metrics data, utilising A/B experiments, feature-flag developments, and MVPs.
- Onboarded new joiners, and mentored junior developers into mid-level roles.
- Created & Improved documentations as well as various higher-level diagrams to facilitate bigger picture communication.
- Improved code confidence by setting standards, migrating to TypeScript, maintaining dependencies and improving testing on different levels.
- Assisted on Third-Level support tickets, resolving issues when possible or raising hotfixes and bug tickets as needed.

Software Engineer

Architrave GmbH 2019 – 2021, Berlin

Frontend-specialist in T-shaped scrum teams, delivering PropTech SaaS solution on the cloud, new frontend application, and maintaining legacy.

- Worked with the team on architecting and building the authentication and authorisation core microservices on AWS.
- Collaborated on building a new React mobile-first WebApp, enabling accessibility on the go.
- Delivered features, and tackled technical debt of the legacy application, boosting user-experience.
- Developed a reusable components design system and empowered it with Storybook.

CORE COMPETENCIES

- Frontend Development
- Backend Development
- Unit/Integration Testing
- Automation Testing
- Software Architecture
- UI/UX
- Web Accessibility Optimization
- Search Engine Optimization
- Agile Scrum/ban

FRONT-END SKILLS

- | | |
|-----------|-----------------------|
| React | Redux |
| Node/NPM | TypeScript |
| CSS/SCSS | CRA/Webpack |
| NextJs | Gatsby |
| Storybook | Design Systems |
| Bootstrap | Material UI |
| AngularJS | React Testing Library |

BACK-END SKILLS

- | | |
|---------------|-------------|
| Node/Express | NestJs |
| Go | Java |
| PHP | DDD |
| MicroService | Serverless |
| Relational DB | Document DB |

OTHER SKILLS/TOOLS

- | | |
|------------|-----------------|
| AWS | S3 |
| Cognito | Amplify |
| Kubernetes | Docker |
| Jenkins | GitHub Actions |
| Photoshop | Illustrator |
| GitHub/Lab | Jira/Confluence |

LANGUAGES

- English: Proficient (C2)
- German: Intermediate (B1)
- Arabic: Native

Professional Experience, Continued

Senior Digital Communications Specialist

Qatar University 2018 – 2019, Doha

A fullstack developer leading the development of new websites and internal web systems. Tackling web accessibility, SEO and UX improvements.

- Redesigned the website enhancing user experience and bringing responsiveness.
- Devised best-practices and guidelines, increasing search engines ranking and enhanced accessibility metrics.
- Developed a workflow management system, facilitating communication, tickets management and work-load reporting.

Graphic Designer / Web Designer

Qatar University 2010 – 2018, Doha

- Developed digital solutions that integrate with the in-house content management system, allowing advanced data types, and improving content management workflows.
- Establish and migrate the University's website to a new Enterprise CMS, by creating content-driven customizations, templates, components and reinforcing HTML semantic standards.
- Designed content for digital and print channels, such as banners, logos, posters, books, brochures, flyers, and street ads.

Research Assistant

Qatar University 2013 – 2015, Doha

Participated in research that focused on merging mobile learning with developing technology, which received funding from QNRF in cooperation with Qatar and Athabasca Universities.

- Utilised WordPress to create a website, and provided detailed training to team members for content creation.
- Collaborated with the team by designing a Mobile-Learning Android app, providing the overall interface design concept.

Web Developer and Designer

Freelancer 2009 – 2019, Doha

Worked on several projects, employing web design, development and project management skills.

- Communicated with clients to determine project scope, identify budgets and timelines.
- Designed and developed over 20 websites across using various techstacks.
- Built a custom CMS specific to requirements, simplifying complex content creation tasks.
- Developed templates and customized Open-Source Content Management Systems such as WordPress, Joomla, Drupal and Shopify to the specific needs of clients.

EDUCATION

Qatar University, Doha, Qatar: 2017

Master of Science in Computing – Information Systems

Thesis: Queueing theory-based Kubernetes AutoScaler

Developed a NodeJs AutoScaler that deploys as a Docker container on a Kubernetes. The scaler predicts service load and scales the infrastructure vertically accordingly.

Qatar University, Doha, Qatar: 2013

Bachelor of Science – Computer Science and Engineering

Graduation Project: Android App optimising SAP for VOIP group call, and event scheduling

- Honours/Awards: Dean's List for Academic Excellence – four-time recipient; Best Senior Graduation Project – Second Place

AWARDS / CERTIFICATIONS

Testing in React - GitNation:2019

Web Accessibility Standards – Mada:2017

New Forms of Digital Storytelling – General Editors Lab, Istanbul – First Place

New Forms of Digital Storytelling – Global Editors Network, Barcelona - Nominee