

# Khaled Kadoura, MSc

Full-Stack Developer

A full-stack developer highly regarded for launching innovative websites and implementing systems that streamline processes for efficiency. Leverages user-experience to cultivate eye-catching digital content. Solid technical background demonstrated by using numerous front-end and back-end frameworks, programming languages and database management systems.

## SELECTED HIGHLIGHTS

- Modelled and developed an organizational ticketing and support system, facilitating task management and processes streamlining.
- Established and migrated Qatar University's website to a new Enterprise Content Management System, enhancing the user experience and providing improved content visibility.
- Collaborated with team members to design a Corporate Mobile Learning Android mobile application, providing the overall interface design concept.
- Built a custom CMS, and applied Open Source Content Management Systems skills to develop websites.
- Designed and developed tens of new websites using latest front-end and back-end technologies, and on top of multiple content management systems.

## EDUCATION

**Qatar University, Doha, Qatar: 2017**

Master of Science in Computing – Information Systems Computer Science

Thesis: *Queueing theory-based Kubernetes AutoScaler*

Developed a NodeJS based autoscaler that deploys as a Docker container on a Kubernetes Cloud. The scaler predicts service load and scale the infrastructure accordingly.

**Qatar University, Doha, Qatar: 2013**

Bachelor of Computing – Computer Science and Engineering

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






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

## PROFESSIONAL EXPERIENCE

**Senior Digital Communications Specialist**

**Qatar University 2012 – Present**

- Practice full life-cycle management, developing over 40 user-centric websites from backend to frontend, meeting the latest web standards and saving the university over \$60K USD in design and development cost.
- Devise design best-practices and industry-standard technical guidelines, leading to organic ranking increase in search engines and enhanced accessibility metrics.
- Implement responsive website layout for adaptability across multiple platforms and cross-browser compatibility, catering for a 20% increase of mobile visitors.
- Developed an integrated digital solutions into the workspace that utilized workflows and productivity, saving \$65K in development cost.
- Redesign over 100 pages on the University's website to enhance user experience and overall design standards, increasing load speeds by 25%.
- Establish and migrate the University's website to a new Enterprise Content Management System, enhancing the user experience and providing improved

-  Doha, Qatar
-  +974 7770-5432
-  khaled.nabil.k@gmail.com
-  github.com/khaled-nabil
-  linkedin.com/in/khalednk
-  khalednk.com

## CORE COMPETENCIES

- User-experience Design
- Wireframing
- Frontend Development
- Database Administration
- RESTful Services and APIs
- Backend Development
- Software Engineering
- Agile/Lean Development
- Web Accessibility Optimization
- Search Engine Optimization

## TECHNICAL SKILLS

JavaScript	<div style="width: 100%;"></div>
PHP	<div style="width: 95%;"></div>
Java	<div style="width: 80%;"></div>
HTML	<div style="width: 100%;"></div>
CSS	<div style="width: 98%;"></div>
NodeJS	<div style="width: 90%;"></div>
Angular	<div style="width: 75%;"></div>
SQL	<div style="width: 92%;"></div>
Bootstrap	<div style="width: 100%;"></div>
Photoshop	<div style="width: 90%;"></div>
Illustrator	<div style="width: 85%;"></div>

## CERTIFICATIONS

Web Accessibility Standards – Mada:2017

## AWARDS

- 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

## LANGUAGES

English: Proficient  
Arabic: Native

## Professional Experience, Continued

### **Research Assistant**

#### **Qatar University 2013 – 2016**

- | Participated in research that focused on merging mobile learning with developing technology, which received funding from QNRF in cooperation with Qatar and Athabasca Universities.
- | Deployed and maintained a web server for the research project, implementing all required security measures and necessary networking solutions.
- | Utilized WordPress to create a website templates, and provided detailed training to team members.
- | Collaborated with team members to design a Corporate Mobile Learning Android mobile application, providing the overall interface design concept.

### **Graphic Designer / Content Editor**

#### **Qatar University 2009 – 2012**

- | Spearheaded the creation of an Arabic section on the University's website, earning a 40% increase in traffic.
- | Conceived and developed numerous interactive animations.
- | Created content for posting across digital channels including web banners, advertisements, and logos.
- | Conceptualized designs for more than 50 calendars and newsletters, in addition to marketing collateral for digital and print campaigns such as posters, books, brochures, flyers, and street ads.

### **Freelance**

#### **2009 – Present**

- | Communicated with clients to determine project scope, identify budgets and project timelines, and delivered results that exceeded expectations.
- | Employed the latest technical skills to design and launch web-based apps, and over 20 websites across different development environments.
- | Built a custom Content Management System that caters for the specific needs of a client, simplifying content creation and modification tasks for novice customers.
- | Developed templates and customized Open-Source Content Management Systems such as WordPress, Joomla, Drupal and Shopify to the specific needs of clients.