# Khaled BEN HASSEN

Enthusiastic and detail-oriented software engineer graduate with a knack for conceptualizing and delivering user-friendly solutions. Armed with an extensive understanding of product development life-cycle.

# PROFESSIONAL EXPERIENCE

April 2021 -Present PHP developer (full-time)

itialuS global | Doha, Qatar

- Developing, designing, and delivering new ERP systems and upgrading existing ones for use by business clients.
- $\bullet \ \, \text{Collaborating with different IT teams (Devs, Designers, Devops) to establish and test interfaces. } \\$
- Working with internal and external business partners to streamline business processes, improve operational efficiencies and identify current issues.

Technologies background: Laravel, Vue.js, SQL, Git.

May 2020 -Jan 2021 Web developer (Intern)

Sourceamax | Grenoble office, France

- Worked alongside project manager to process the migration of an online survey tool made available to the company's customers in SaaS mode.
- Developed a graphical redesign using VueJs and it's ecosystem with a focus on obtaining user-friendly interfaces.
- Updated analysis modules and the restitution of data in real time.
- Tested and integrated multiple modern Business Intelligence technologies.
- Collected and filtered data from internal IT systems and external sources, prepared it for analysis, and customized queries against the data in order to create data visualizations.
- Exploited open-source repositories with the aim of Integrating a Python-ColdFusion bridge executing the required Python libraries (such as Pandas,Bokeh) in company's ColdFusion servers.

<u>Technologies background</u>: ColdFusion 18, Python 3, Vue.js, Vuetify.js, Microsoft SQL Server, Power BI, Qlik Sense, Zoho Analytics, Windows Server 2012.

Aug 2019 -Feb 2020 Web developer (Part-time)

MEDCOM PROD | Sousse, Tunisia

- Contributed to multiple software projects simultaneously and participated in the whole software development process from design to implementation and delivery.
- Developed new software functionalities, ensuring that clients' vision and requirements were met
- Redesigned company's web-based application and added employee of the month functionality

Technologies background: PHP (Laravel, WordPress), MariaDB, Sass.

Jun 2019 -Aug 2019

PHP developer (Intern)

 ${\bf Advanced\ Technologies\ Software\ (ATS)\ |\ Ariana,\ Tunisia}$ 

- Designed and developed a crowdfunding web application.
- Integrated Razorpay payment gateway.
- $\bullet \ \, \text{Developed micro-services and Web Services (incl. REST/SOAP/XML)}. \\$
- Created visual representation of support received, the classification of initiatives and campaign monitoring.

<u>Technologies background</u>: Code-igniter 3, PHP 5.6, MySQL, REST API, JSON, Bootstrap 3.3.7, CSS3/HTML5.



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# **PROFESSIONAL SKILLS**

# Programming languages:

PHP, Java, Python, ColdFusion, C, Scala, Bash.

# $Web\ development:$

JavaScript, TypeScript, Express.js Node.js, NPM, JSON, XML, REST API, HTML5, CSS3, Tailwind, Webpack, JQuery, AJAX, Bootstrap.

#### Framework:

Vue.js , React.js, Laravel, Symfony, Codelgniter, Django.

#### Web service:

REST, SOAP.

#### Databases:

 $\ensuremath{\mathsf{SQL}}$  : Oracle,  $\ensuremath{\mathsf{MySQL}}$  ,  $\ensuremath{\mathsf{Microsoft}}$   $\ensuremath{\mathsf{SQL}}$  Server,  $\ensuremath{\mathsf{PostgreSQL}}$  .

NoSQL: Redis, MongoDB.

#### Containerization/Version control:

Docker, Git.

Software architecture and project management:

MVC, MTV, MVVM, UML, Scrum.

Jun 2018 -Jul 2018 Full stack developer (Intern)

IT GATE | Sousse, Tunisia

- Designed and implemented a MEAN stack chat web application.
- Integrated Facebook, Google and Instagram APIs for registration and other purposes.
- Implemented end-to-end encrypted conversations.

<u>Technologies background</u>: MongoDB, Express.js, AngularJs, Node.js, Socket.io, JSON, Bootstrap, Social Media APIs.

#### **EDUCATION**

Sep 2017 -

SOFTWARE ENGINEERING

Nov 2020

POLYTECHNIQUE SCHOOL OF SOUSSE | Sousse, Tunisia

<u>Relevant coursework</u>: Operating systems, data structures, microprocessors, web and mobile development, relational databases, computer networks, artificial intelligence.

• Built multiple web apps in scholar projects.

Sep 2015 -Jun 2017 INTEGRATED PREPARATORY CYCLE

POLYTECHNIQUE SCHOOL OF SOUSSE | Sousse, Tunisia

Relevant coursework: Heavy concentration in data structures, mathematics and physics.

2009 - 2013

HIGH SCHOOL DIPLOMA

ABOU KACEM CHEBBI HIGH SCHOOL | Mahdia, Tunisia

• Bachelor of Science, Computer Science.

#### A FEW FREELANCE PROJECTS

**RentArea**: Designed and developed a user friendly online booking system enabling individuals to rent cars, bikes, and motorcycles.

<u>Technologies</u>: Laravel 5.4, MySQL, Bootstrap, jQuery, Flatpickr.

**E-retail**: Contributed to the build of an e-commerce website to buy/sell, rent and exchange various products online.

Technologies: Symfony 3.4, HTML, Twig, Doctrine, Bootstrap, Redis, MVC.

**Programmy:** Developed a platform enabling registered users to make suggestions and connections for various

events (camping, parties, carpooling, etc...).

 $\underline{\mathsf{Technologies}}: \mathsf{MongoDB}, \mathsf{Express.js}, \mathsf{React}, \mathsf{Node.js} \ .$ 

# **EXTRACURRICULAR ACTIVITIES AND ASSOCIATIONS**

Local Training Team LTT @ Aiesec Tunisia | 2015-2017 :

 $\bullet$  Interviewed and trained the new members along with the LTT team.

Vice president @ Google Club Polytechnique School of Sousse | 2016-2018 :

- Organized and participated in regional and national coding contests.
- Taught web development and music editing.

 ${\it Member} \ @ \ Tunisian \ Association for the \ Future \ of \ Science \ and \ Technology \ ATAST \ | \ 2011-2015:$ 

• Been affiliated with a young scientists association applying their imagination and their creativity to technology innovations.

# **INTERESTS**

- Blockchain and cryptocurrency trading
- Cyber security
- Data science
- Music composition

#### **KEY PERSONAL ASSETS**

- Creativity and imagination
- Time management
- Team player
- Excellent communication skills

# LINGUISTIC KNOWLEDGE

Arabic
Native Proficiency
English
Full Professional Proficiency
French
Full Professional Proficiency
German

**Elementary Proficiency**