

## Khallad Sharaf El-Din

📍 61381 Friedrichsdorf, Frankfurt Am main

Passionate Software Engineer with **4+** years of experience in the Web development industry, developing robust code for both front and backend for Multinational and startup Companies, this experience has provided me with the innovative and technical skills necessary to successfully provide your company with multifaceted technical solutions across a wide range software platform.

### Experience:

#### **Hewlett Packard Enterprise – HPE**

Apr 2018 – Jul 2019

Application Developer (*Data Visualization for Vodafone.de*)

- using **Angular5**; **typescript**; **RxJs**; **JavaScript es6**; **d3.js**; **npm**; **nodejs**;
  - to render complex interactive nested charts visualizing customer tickets over different **Vodafone.de service** also displaying complex analysis giving the user ability to see the reflect of one chart in the other charts (**Multi Connected Interactive Chart**)
  - to display precise locations on an interactive map giving the user all the information about the ticket and its location
  - To render an SLA - timeline for the existing opened tickets also displaying statistics about the previous specified period
  - Write robust unit-test cases using **TDD/protractor**
  - Deploying using **Jenkins**
- Using **Java8 spring-boot** to build end-points to save and retrieve data from and to different Databases to be reflected on different applications.

#### **Portapeople**

Jan 2016 – mar 2017

Software Engineer/ Developer Built (<https://hubnsub.com>)

- Started the job as the first developer and worked on different small Apps then started architecting for the owner's solution till, I got his impression and he hired a small team to help me build his idea
- using **php7**; **laravel 5.5**; **JWT**; **apache2**; **Mysql DB**; **PL-sql**; **Real Time Communication –RTC**; **pusher/websockets**; to build backend of a **Workflow Automation System**
  - Responsible for building and architecting the solution from scratch to live
  - Spreading tasks to team of 3 devs, leading the daily stand-up
  - Responsible for **Version Controle - Bitbucket** the **Owner** of the All repositories even the documentation and **handle pull requests**
  - Reviewing the source code and performance
  - Responsible for construct and architect Robust MySQL Database and writing high performance queries using **PL-SQL stored-procedures**
  - Responsible for constructing the backend environment and config
  - Using **laravel 5.5** implement **Dynamic Workflow Engine** from scratch Decides to whom it will send the request according to the pre configuration made by the user

- Build *Real Time communication pusher/WebSocket* – connection to enable the notification service for the user
- to build high quality code to calculate analysis and statistics for the part of management system
- Reports *direct to* the *owner*
- using **Angular 2** to build charts and visualize data
- Took the initiative to Build a Desktop version of the system using electron.js + Angular 2

## Freelancing

Jul 2014 – Jan 2016

Working as full stack developer to deliver web Apps and websites As per given requirements (JS, HTML, CSS, mysql, PL-SQL)

## Key Skills:

Angular2-7; Typescript; Reactjs; es6; RxJs; Spring-boot; java8; (AWS lamda + EC2 + S3 + glacier + RDS); git; CVS; CI/Jenkins; TDD/Jasmine + Karma + protractor + jest; Agile; npm; CLI; php7; laravel 5.5; apache2; MySql; PL-SQL; JSON/postman;

**Education:** Bachelor of Computer Science and Information Cairo University – 2016

## Finished Trainings:

### IBM (Aug-2011)

Trainee, at Globalization Department

- Trained as java Software Developer.

### Microsoft (MSP program - MSPR) (Nov 2011-Oct 2012)

- Technical MSPR, working on developing Windows Phone Apps.
- Member of (Windows Phone 7 team).
- Windows phone 7 Technical Support through Egypt Universities events.

## Languages

Arabic: Native, English: Fluent, German: learning

## Contacts

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GitHub: <https://github.com/khallad2>

Portfolio: <https://khallad2.github.io/khallad.github.io/>

**Personal Info:** 1991; Single; Egyptian; work visa; Reading; Tennis Table