Khallad Sharaf El-Din   📍 61381 Friedrichsdorf, Frankfurt Am main

Passionate Software Engineer with **4+** years of experience in the Web development industry, developed robust Data visualization solution for Vodafone.de and enabled Hubnsub.com project as startup company from zero to hero! and currently providing web solutions for a HealthTech startup in Germany.

Experience:

Health-Rise, Frankfurt Germany, Software Developer   *Jul 2019 – Current*

Enhanced performance of web pages by 65% after investigation and profiling & added a feature to upload documents in a form related to policies and terms of use for a medical product.

Hewlett Packard Enterprise Egypt– Software Developer   *Apr 2018 – Jul 2019*

Built *Data Visualization solution for Vodafone.de* using **Angular5, typescript, RxJs, JavaScript es6, d3.js,NPM and NodeJS with features:**

- o Visualizing customer tickets over different *Vodafone.de services* and rendering complex interactive nested charts also displaying complex analysis giving the user ability to see the reflect of one chart in the other charts *(Multi Connected Interactive Chart)*.
- o Displaying precise locations on an interactive map giving the user all the information about the ticket and its location.
- o Rendering SLA-timeline for the existing opened tickets also displaying statistics about the previous specified period.
- o Ensured sufficient **test coverage** by using **TDD** built the unit and E2E tests over the **Protractor**/**Jenkins** environment.
- – Used **Java8** and **Spring-boot** to participate in the project **backend dev.** by building end-points to save and retrieve data from and to different Databases to be reflected on different pages.

Portapeople- Software Engineer   *Jan 2016 – Mar 2017*

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.
- – Built the backend and 30% of the frontend of a "HubNsub" *Workflow Automation System* used *php7; laravel 5.5; ORM; JWT; apache2; Mysql DB; PL-sql; Real Time Communication –RTC; pusher/web-sockets.*

  to Responsible for building and architecting the solution from scratch to live

  - o Assigned tasks to the team of 3 developers, took the daily stand-up status.
  - o Maintained *Version Control- Bitbucket* the *Owner* of the All repositories even the documentation and *handle pull requests.*
  - o Reviewed the source code and performance.

- o Designed and Applied the schema migration of the whole project using MySql Database and wrote high performance queries using *stored-procedures.*
- o Constructed the backend environment and configuration.
- o Using *Laravel 5.5* ORM implemented *Dynamic Workflow Engine "BPMN"* from scratch Decides to whom it will send the request according to the pre configuration made by the user.
- o Built *Real Time communication Pusher/WebSocket* – An Event streaming connection to enable the notification service for the user.
- o Built an interactive **reporting** web application to show analysis and statistics for each part of management system based on the current logged in user defined Roles.
- o Reported *directly to* the *owner* .
- – Built charts and visualized data using *Angular 2, Material and Ng2-Charts.*
- – **Took the initiative to Build a Desktop version of the system using electron.js + Angular 2.**

Freelancing *Jul 2014 – Jan 2016*

Working as a full stack developer to deliver web Apps and websites as per given requirements used (JS, HTML, CSS, Mysql, jQuery)

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; Decision Making; Team Player;

Education: Bachelor of Sc.in Computer Science from Cairo University – 2016.

Trainings:

Java Software Developer trainee at **IBM Globalization** *Aug 2011*
Microsoft student partner program at   **Microsoft (MSP program - MSPR)** *Nov 2011 – Oct 2012*

Languages

Arabic: Native.

English: Full professional proficiency.

German: learning A1.

Contacts

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GitHub: https://github.com/khallad2   Portfolio: https://khallad2.github.io/khallad.github.io/

Personal Info:

Birthdate: 16.08.1991.

Martial status: Single.

Nationality: Egyptian.

Hobbies: Reading, Table Tennis, Working out.