Khallad Sharafeldin

📍 14469 Potsdam, Germany

Passionate Software Engineer with 6+ years of experience in the Web development industry developed a robust Data visualization solution for Vodafone.de and enabled Hubnsub.com project as a startup company from zero to hero! Then provided web solutions for a HealthTech startup in Frankfurt am Main – Germany and currently Developing, Scaling Migrating A social media company's systems into a new modern architected solution based on AWS.

Experience:

Media Partisans, Potsdam Germany, Full stack Developer   *Jul 2020 – Current*

Developing and maintaining current systems and migrating current infrastructure into a modern scalable infrastructure.

As a full-stack developer Using WordPress, PHP-7, AWS (EC2, S3, CloudFront), Docker, Cloudflare, Plesk, Linux Debian, Angular-5, Typescript, JavaScript, CSS3, bootstrap to maintain and build new features in network of WordPress sites, scaling up the system infrastructure for expansion, also building internal tools to help editors publishing their content on more than one platform (Facebook, Instagram, YouTube, WordPress sites, TikTok) easily and conveniently, working with a team of 3 Developers.

Health-Rise, Frankfurt Germany, Software Developer   *Jul 2019 – Jun 2020*

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.

As a full-stack developer Using PHP-7, Angular-5, CSS3, bootstrap to build new features in an E-Commerce application as company product, Technical Support for fresh graduate employees in Angular and Typescript.

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

Built *Data Visualization solution for Vodafone.de* using **Angular5, Java-8, Spring-Boot, 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 applications.

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

  - Assigned tasks to the team of 3 developers, took the daily stand-up status.
  - Maintained *Version Control- Bitbucket* the *Owner* of the All repositories even the documentation and *handle pull requests.*
  - Reviewed the source code and performance.
  - Designed and Applied the schema migration of the whole project using MySql Database and wrote high performance queries using *stored-procedures.*
  - Constructed the backend environment and configuration.
  - 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.
  - Built *Real Time communication Pusher/WebSocket* – An Event streaming connection to enable the notification service for the user.
  - 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.
  - 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:
Php7;Wordpress APis;Docker;Angular2-7; Typescript; Reactjs; es6; RxJs; Spring-boot; Java8;AWS; Lamda ;EC2;cloudfront ;S3 ;glacier; RDS; git; CVS; CI/Jenkins; Heroku/CLI; TDD/Jasmine ; Karma ; protractor ; jest; Agile; NPM; CLI; Laravel 5.5; apache2; Mysql; PL-SQL; JSON/postman; Decision Making; Team Player; communication

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

Trainings:

Java Software Developer trainee at **IBM Globalization**   *Aug 2011 – Sep 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.

Books: *Magic of Thinking Big, Richest Man In Babylon, Think and grow rich, thinking fast and slow*