WAEL ALMATTAR

FULL-STACK SOFTWARE DEVELOPER

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Highly motivated, pro-active and ambitious freelance Senior Software Engineer who is instinctively entrepreneurial. Agile evangelist. Strong personality and leadership abilities. Experienced in managing international and distributed teams. Open minded and bright with 8 years of experience in web development, performance optimization and architecture design. Lives and breathes software development.

WORK EXPERIENCE

Lead Backend and Microservices Engineer

Techloop.io   Remote
Sep 2018 – present

Responsibilities:

- Developed backend for a platform serves 100k users and 12k companies.
- Took responsible as a lead programmer for the whole backend infrastructure including microservices and RESTful APIs.
- Worked with the team to develop full stack with microservices third-party solutions
- Consulted the business team to draw a reliable road map
- Worked closely with the analytics team to provide rich source of data
- Proposed a simplified but scalable system architecture that is being used at the moment in the production environment.
- Introduced GraphQL to the platform and worked with the frontend team to integrate it.
- Used automated solutions to accelerate the development process.
- Extended the existing API with more features and functionalities.
- Tracked tasks, features and bugs with Jira and Axana.
- Implemented data driven approach to support the marketing and sales teams.
- Created one page application with React.js with custom components on top of MUI v4.
- Worked with the business development manager on breaking down new business models to realistic technical tasks with clear roadmap.

skills: Node.js, Graphql, Microservices, Typescript, RESTful APIs, Git, Koa, RabbitMQ, ElasticSearch, React.js, PostgreSQL, CronJobs, Docker, antd, auth0, algolia, segment, material-ui, unit test, heroku workers, kubernetes

Senior Full-Stack Node.js | System architect

Yara Digital Labs   Berlin, Germany
Nov 2019 – April 2020

Responsibilities:

- Worked with engineering managers to construct the new team to build a new platform which is being used by Yara' sales team in more than 10 countries.
- Constructed a project with Typescript, GraphQL and Caching using Redis on Backend. And React.js with Material UI and frontend.
- Consulted the business team to draw a reliable road map.
- Worked mainly as a backend developer as a daily routine.
- Interviewed candidates for permanent roles to continue working on the project.
- Worked with the SRE team to ship deployments with CircleCi, docker and kubernetes.

skills: Node.js, GraphQL, React, Typescript, Redis, Material-ui, Elastic, Git, unit test, AWS, Docker, Kubernetes

React.js Developer

International Committee of the Red Cross (Outsourced via Iosbar Blue infinity)   Zurich, Swiss
March 2018 – Sep 2018   (6 months)

Responsibilities:

- Developed a custom CRM system by the International Committee Red Cross.
- Tracked features and fixed bugs using Microsoft's TFS platform and Microsoft PBI.
- The platform has been launched successfully and has been in production used internally by ICRC.
- Provided full unit testing and clear documentation.

skills: Node.js, React, Typescript, Material-ui, Git, unit test, AWS, Docker

React.js Developer

Dether.io   Paris, France - remotely
Jan 2018 – March 2018 (3 month)

Responsibilities:

- Leading development an interactive map for users and clients
- Draw a development plan to keep the code well-organised and fully-tested including UI, load, unit, and end-to-end testing
- Full-stack development with React, Redux and Leaflet

skills: Node.js, React, Leaflet, Redux-React, Heroku, lint, CircleCi

Lead SOFTWARE DEVELOPER

Vari Solutions   Greater New York City Area, USA - remotely
Oct 2017 – April 2018 (7 months)

Responsibilities:
- Working with the core team to grow the main product VariTest
- Development of API platform
- UI, load, unit, and end-to-end testing
- Full-stack implementation for the platform.

skills: Node.js, Cache mem, postgresql, Angularjs, Travis, Heroku, Lint, chai, puppeteer.js, Locust,

SOFTWARE DEVELOPER

GlobeIT   Warsaw, Poland
Mar 2016 to Sep 2017 (19 months)

- Designed a complete platform for GPS tracking devices with live real-time tracking using NodeJS, Socket.io and AngularJS.
- Created and designed encoder/decoder server for handling GPS binary device's data and send commands.
- Optimized web application speed and data structures by combining Memory and Mysql databases.
- Led API development of new eCommerce/Digital platform (PHP and Nodejs)
- Designed a dashboard and complete solution for the chat module of eCommerce project using PHP and AngularJS.
- Maintained existing eCommerce and Digital applications to meet the ever-evolving demands of the business (PHP)
- Implemented online payment system for eCommerce services.
- Created from skratch an interactive Web Conference Video platform for creating video rooms with text and voice using WebRTC technology, socket.io and jQuery.
- Understanding of a huge existing site.
- Used AngularJS as the development framework to build a dashboard a single-page application and to create more interactive front end development.
- Developed a Web-Scraping web application with Entire server side application using Python.
- Formulated and documented technical architecture, components and strategies for mitigating technical challenges.
- Worked with the business to identify the API's, define data schema and document workflows.
- Design and develop Custom Components, workflows and templates.
- Used Git Version Management.
- This Web application is based on oauth2 based Authorization and Authentication.
- Design & develop common platform frameworks on NodeJS. Ex:- logging, rest client, exception handling.
- Developed the entire server side application using NodeJS.
- Used Socket.io RESTful for web service by exchanging JSON data between the applications.

Skills: NodeJS, AngularJS, SOCKET.IO, ExpressJS, Redis, PHP, CSS, jQuery, Zend framework, MySQL, Python, WebRTC, loopback.

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WEB DEVELOPER INTERN

Mamania.pl   Warsaw, Poland
July 2014 to September 2014

      Implementing new features for online bookstore.
Skills Used:
      Zend framework, PHP, MySQL, CSS

EDUCATION

JOINT MASTER IN SPACE SCIENCE AND TECHNOLOGY:

      3rd semester | Université Toulouse III - Paul Sabatier   Toulouse, France
      Sep 2017 to April 2018

      2nd semester | Lulea University of Technology   Kiruna, Sweden
      Feb 2017 to June 2017

      1st semester | Julius-Maximilian's University   Würzburg, Germany
      Oct 2016 to Feb 2017

Bachelor in Computer Science, GPA 4.1

      Warsaw University of Technology   Warszawa, Poland
      Oct 2013 to Feb 2016

Bachelor in Computer Engineering and Automation

      Tishreen University   Lattakia, Syria Sep 2010
      to July 2013

AWARDS

2010 - Bronze Medal - Syrian Olympiad in Informatics

      competition requires solving problems of an algorithmic nature under time pressure.

2012 - 5th place - Syrian Collegiate Programming Contest

      3 members teams contest requires solving problems of an algorithmic nature under time pressure.

LANGUAGES:

English C1 - Arabic Native - Czech B1 - Polish B1 - German A2

HOBBIES:

Skiing, Gymnastics, Chess, Piano, Swimming, Paragliding, Skateboarding