

Senior Fullstack Web Developer



Personal data

Michael Wager (B.Sc. Computer Science)

Living in Augsburg, Germany

Year of birth: 1986

Contact

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At a glance:

Main emphasis: **Frontend-Engineering** with **JavaScript/TypeScript**, **quality assurance**, **coaching & consultation**

Also: Several years of experience in **backend development** with PHP and Node.js

Languages: **German** (mother tongue), **English** (Very good), **Spanish** (good)

Freelancer since 2012, Experience in the field of web development since 2009

Availability and conditions

Available from: on demand

Hourly rate: on demand

Current activities

04/2020 - now **Master studies part time**, University of Applied Sciences, Augsburg (<https://www.hs-augsburg.de/>)

... **Master studies: “Industrial Security”**

Topics: Cryptography, IT Security, Penetrationtesting, IT-Forensics, EmbeddedSecurity, Management, etc.

Project history

06/2019 - 09/2021 **Careerpartner GmbH / IUBH**, Munich (<https://www.iubh.de>)

Senior Fullstack Developer

2 years 3 months

Conception, Development and quality assurance of a user interface component library (“Career partner ui library”) and coaching of younger developers in the frontend area, backend-development (Node.js)

- Implementation&QA of several forms for students of the university
- Pull-Request Reviews and Pairprogramming
- Introduction of agile software development and quality assurance concepts such as TDD, static code analysis, etc.

Technologies: Vue.js, Vuex, React, Storybook, SCSS, JIRA, Confluence, git, Laravel, Docker, AWS, MongoDB, Node.js, Nest.js (Typescript), MariaDB, Apache Kafka, PimCore, Wordpress, DDD, OWASP Top 10

02/2019 -
05/2019

Daimler AG, Stuttgart, Berlin (<https://www.daimler.com/>)

Senior Frontend Development Consultant

5 months

Development and quality assurance of a user interface component library ("Daimler Fleetboard Design System") and coaching of young developers in the frontend area

- Analysis and evaluation of different microfrontend architectures
- Consultation related frontend relevant topics in distributed teams
- Reviews of Pull-Requests and Pairprogramming
- Introduction of agile software development and quality assurance concepts such as TDD, static code analysis, etc.

Technologies: Angular, SCSS, Docker, Microsoft Azure DevOps, JIRA, git

08/2018 -
01/2019

Walther Management GmbH, Munich
(<https://www.walther-management.com/>)

FullStack-Developer and project manager

5 months

Conception, Implementation and quality assurance of a multi-language web application for use in the process of company sales ("Merging & Aquisition") and for company value calculation

- Database-Design
- Backend: REST API with Node.js and MongoDB
- Frontend: Single Page Application with TypeScript/Angular, HTML5, CSS

Technologies: Node.js, Express.js, MongoDB, Docker, Microsoft Azure, Angular (v7+), Angular Material, JIRA, Bitbucket, git

06/2017 -
06/2018

Munich Re, Munich (<https://www.munichre.com>)

Frontend-Engineer

1 year

Implementation and quality assurance of web based software solutions for reinsurance products

- Development and refactoring of the legacy product
- Development of two reinsurance products (Lebanon: Fire, Mexico: Greenhouses)
- New development of the frontend with angular 5+
- Introduction of agile software development & quality assurance concepts such as TDD/BDD, End-2-End testing, code reviews, pairing, static code analysis, etc.

Technologies: Angular, Angular Material, TypeScript, SASS, Karma, Jasmine, Protractor, Webdriver, Git, C#, .NET MVC, VSTS, PowerBI

11/2016 -
05/2017

Mobile Software AG, Munich / Stuttgart (<http://www.mobile-software.de/> & <https://www.dekra.de/>)

Frontend-Engineer

7 months

Implementation and quality assurance of hybrid, mobile software solutions

- Development of hybrid Mobile-Apps with Angular2 & Ionic2
- Conception of the architecture as well as implementation of independent software components for the development of further apps
- Coaching internal staff
- Support in the implementation of concepts of agile software development and quality assurance such as TDD, BDD, Continuous Integration, Code Reviews, Pairing, etc.

Technologies: Angular, Ionic2, TypeScript, yarn, SASS, Gulp, Karma, Jasmine, Webdriver, Protractor, Git

03/2015 -
10/2016

efa GmbH, Pörnbach/Munich (<https://www.sixsteps.com>)

Full-Stack - Developer

1 year

Conception, implementation and quality assurance of a web-based software for the realization of digital business meetings on the basis of the so-called moderation cycle

7 months

- Single Page Application with JavaScript / Angular.js, HTML5, CSS3
- Backend with Node.js based on a CQRS / EventSourcing architecture
- Development of the internally used open source event sourcing framework Eventric.js (Github Link)
- Agile development process according to Kanban
- Strong focus on test-driven development (BDD) and code quality
- Remote team with great emphasis on transparency, co-determination and self-responsibility

Technologies: jQuery, Angular.js (CoffeeScript), WebComponents, Promises, Jade/Pug, SASS, Gulp, Express.js, SocketIO, MongoDB, Docker, Karma, Mocha, Sinon, Webdriver, Protractor, Git

- 03/2015 - **PsSystem Gmbh**, Ludwigsburg/Augsburg (<http://www.pssystem-gmbh.de/>)
 05/2015 **Frontend Developer**
Conception, implementation and quality assurance of Apps and Plugins for the IOT-Platform [Cumulocity](#)
 3 months
 Technologies: jQuery, Angular.js, Twitter Bootstrap, Mocha, Grunt, Git
- 10/2013 - **Deutscher Fahrschulverlag GmbH**, Munich (<http://fahrschulcard.de/>)
 04/2015 **Frontend Developer**
Reimplementation of the digital learning platform in preparation for driving license testing - implementation of a web application as well as a hybrid mobile application for Android and iOS
- Single Page Application with JavaScript, HTML5, CSS3 (Technologies: Phonegap / Cordova, Backbone.js + Marionette.js, RequireJS, Zepto, Mocha, Grunt, Bootstrap, Git)
 - Strong focus on test-driven development and code quality
 - Support for the backend development of the new system with PHP (Symfony2, MySQL, PHPUnit, Vagrant / Puppet)
 - Support for the configuration of project management tools and continuous integration (Atlassian tools: JIRA, Bamboo, Stash, Confluence)
- 01/2014 – **Gruppe3 GmbH**, Munich (<http://gruppe3.de/>)
 04/2014 **Web developer Frontend/Backend**
Entwurf, Implementierung und Qualitätssicherung einer individuellen Content-Management Lösung (“Custom CMS”)
- Individually developed PHP CMS solution (Laravel4, MySQL, PHPUnit)
 - Integration of JavaScript to improve user experience (jQuery, Bootstrap v3, Backbone.js, Grunt)
- 05/2013 – **AtOneGo**, Self-development for self-study (Internet: <http://at-one-go.com/> and source code: <https://github.com/mwager/atonego>)
 11/2013 **Software Development, Project management, Marketing**
 6 months
Conception, implementation and quality assurance of a JavaScript web and hybrid app for the management of tasks in the team. Available for iPhone / iPad in the AppStore, for Android smartphones and tablets in the Google Play Store, and for all Internet-enabled devices with a web browser as a

web app

- Single Page Application with JavaScript, HTML5, CSS3 (Backbone.js, Require.js, Zepto, Mocha, Phonegap / Cordova)
- Node.js Backend REST API (ExpressJS, Mocha, PhantomJS, MongoDB)

01/2013 –
05/2013

Tresor TV GmbH, Munich (<http://tresor.tv/>)

Web developer Frontend/Backend

5 months

Design, implementation and quality assurance of a web-based software for project management

- Single Page Application with JavaScript, HTML5, CSS3 (jQuery Mobile + Backbone.js, RequireJS, Qunit)
- PHP Backend REST API with Laravel3, PHPUnit
- Wordpress REST API usage

10/2012 -
01/2013

Team & Marke UG, Munich (<http://teamundmarke.de/>)

Web developer Frontend/Backend

3 months

Implementation and quality assurance of a real-time web application with Node.js

- Single Page Application with Websocket Support ("Real-Time Chat")
- Frontend: jQuery, Backbone.js, RequireJS, Mocha, CasperJS
- Backend: Node.js, Express.js, MongoDB + Mongoose ORM, SocketIO

09/2012 -
10/2012

Projekthelden, Munich (<http://projekthelden.de/>)

Website for the german Popstars Band 2012 ("Melouria")

1 month

- Implementation of the website with the CMS "Wordpress"
- Support for server-side installation as well as configuration to ensure high performance of the page at high load (Popstars Finale) -
Webserver: Apache

05/2012 –
08/2012

Projekthelden, Munich (<http://projekthelden.de/>)

Web developer Frontend/Backend

3 months

Development of an online / app platform for real store business. Design, implementation and quality assurance of the web and the mobile application

- PHP Backend (FuelPHP, MySQL, PHPUnit)
- JavaScript Hybrid App with Appcelerator Titanium

01/2012 –
07/2012

Liwetec GmbH, Bobingen (<http://liwetec.com>)

Web developer Frontend/Backend

8 months

Implementation of various web applications with PHP, focus on front-end development with JavaScript

- Conception and development of a small cross-browser mobile web application for calculating equations for the elevator industry (jQuery Mobile, CodeIgniter PHP Framework)
- Development of a web-based application for project and personnel management for the media company Pact (Twitter Bootstrap, CodeIgniter PHP Framework)

Permanent positions

08/2009 –
12/2011

Evosource AG, Augsburg, Germany

Web Developer (Frontend)

2 years
4 months

Development of E-Commerce Webapplications using Oracle Application Express, Frontend-Development with JavaScript

Education / Studies

2007 – 2011

Studies of Computer Science at the University of Applied Sciences

Augsburg

Graduation: **Bachelor of Science**

Focus: **Software Engineering, Open Source Software**

Tools & Languages

- JavaScript / TypeScript
- Angular / Vue.js / React
- Node.js, PHP
- HTML5, CSS (SCSS/SASS)
- Git
- MySQL, MongoDB
- Bash/Command line
- Java & Python (basic knowledge)
- Experience in Domain Driven Design, CQRS & Event - Sourcing

Interests

Music, guitar, yoga, karate / martial arts, cooking, literature, traveling