Manuel García García
Curriculum Vitae

Personal Information

Name	Manuel García García
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Nationality	Spanish

Concise Profile

- **Master in Computer Science**
- 10 years of experience in web development using **Java**, **Spring**, **Elasticsearch** and **RabbitMQ**
- 8 years of experience in web development using **Python**, **Django** and **DjangoCMS** (personal projects)

Formation

2007 – 2013	Master in Computer Science, Escuela Técnica Superior de Ingeniería Informática, Málaga, Spain
2010 – 2011	1 year Erasmus, Master in Information and Computer Science (MICS), Université du Luxembourg, Luxembourg

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Aditional Formation

Dec. 2019	DynamoDB Immersion Day, Amazon Web Services, Dortmund
Jan. 2018	Advanced Kubernetes Training, Zalando SE, Dortmund
July 2015	Hybris 5 Core Developer Certificate, COMCAVE.COLLEGE GmbH, Essen
Nov. 2014	Core Elasticsearch Training, Elastic, Berlin
July 2011	Android Programming, Universidad de Málaga, Spain
Dec. 2009	Java technologies for web and mobile development, Universidad de Málaga, Spain

Experience

foryouandyourcustomers - Senior Software Engineer

When   February 2020 – today

Where   Essen, Germany

What   Implementation of e-commerce solutions

- Intensive use of **e-commerce systems** (Hybris, Commercetools)
- Responsible for requirements analysis, software architecture and backend development with customer contact
- Developing using mostly **Java**, **Spring**, **RabbitMQ**, **Hybris** and **Commercetools**
- DevOps activities mostly using **Bash**, **Python**, **Jenkins** and **Kubernetes**

Zalando Payments - Software Engineer

When   October 2017 – January 2020 (2 years and 3 months)

Where   Dortmund, Germany

What   Design and implementation of payment methods for the Zalando platform, used by millions of users Europe-wide

- Software architecture, backend development and application support
- Developing using mostly **Java**, **Spring**, **PostgreSQL, DynamoDB** and other **AWS Products**
- DevOps activities mostly using **Bash**, **Python**, **Jenkins** and **Kubernetes**

Communicode - Software Developer

When   October 2013 – August 2017 (3 years and 11 months)

Where   Essen, Germany

What   Implementation of online catalogs and e-commerce solutions

- Intensive use of **PIM Systems** (ASIM, infuniq, STEP)
- Responsible for requirements analysis and backend development with customer contact
- Developing using mostly **Java**, **Spring**, **Elasticsearch**, **RabbitMQ** and **Hybris**

Yerbabuena Software Engineers - Software Developer

When   October 2011 – March 2013 (1 year and 6 months)

Where   Málaga, Spain

Summary   6 months internship followed by 1-year part-time-job during my studies

- Use of **Document management systems** (Nuxeo, Athento, Alfresco) and web development
- Responsible for requirements analysis and backend development with customer contact
- Developing using mostly: **Java2EE** (Hibernate, JSF, XHTML, BPMN) and **PostgreSQL**

Languages

Spanish	Native language
German	Full professional proficiency
English	Full professional proficiency
French	Elementary

Technical expertise

Proficient in (daily use and 8+ years of experience)	PYTHON, JAVA, BASH
Advance skills in (weekly use and 4+ years of experience)	JAVASCRIPT, CSS, SQL
Basic skills in	ANDROID-SDK, C, C++, PL/SQL, GROOVY, C#, PERL, RUBY, PASCAL, HASKELL, PROLOG, CLIPS, x86 ASM, EIFFEL
Scientific programming languages	Matlab, Octave, LYX
Web development	HTML, CSS, JS, JQuery
Web frameworks	Spring, Django, Flask, DjangoCMS, Hybris
Search engines	Elasticsearch, Lucene
Messaging	RabbitMQ, Redis
Databases	PostgreSQL, MySQL, DynamoDB, Redis, Oracle, CouchDB, SQLite3
Development tools	GitHub, GitLab, Stash, Jenkins, Bamboo, Jira, Redmine, Sentry, Sonar
Build and Deployment	Maven, Docker, Kubernetes

Personal Projekts

Project	**Disc Golf Friends Webpage**
Technology	**Python**, **Django**, **DjangoCMS, HTML**, **JS**, **JQuery CSS**
When	January 2020 – today
Team size	2
Summary	Webpage for our disc golf club "Disc Golf Friends" using DjangoCMS. Club members can create their own profiles and we also show statistics about their favorite discs, courses as well as their achievements (tournaments, ratings, etc).

- Cooperation between 2 developers and 2 content managers (all of them club members)
- Backend and frontend programming as well as configuring DjangoCMS (also creating plugins used by CMS users)
- DevOps activities using **Github Actions**

More info: [Disc Golf Friends](#)

Project	**Mekami**
Technology	**Python**, **Django**, **Redis**, **HTML**, **JS**, **CSS**, **Java** (**Android SDK**)
When	July 2012 – February 2019
Team size	6
Summary	Social network for gamers to have an overview about the games they play, the games they want to play and also get to know other games and other gamers.

- Working together with friends from university all around Europe (Dortmund, Essen, London, Málaga)
- Backend and Frontend Programming
- DevOps activities using **AWS**

More info: [Mekami](#)

Other projects

foryouandyourcustomers GmbH

- [Lapp Online Shop](#) - **Java**, **Spring**, **Hybris** and **RabbitMQ**
- [Geberit Online Shop](#) - **Java**, **Spring**, **Commercetools** and **Kubernetes**

Zalando Payments GmbH

- [Payment Processing](#) - **Java**, **Spring**, **DynamoDB**, **Kubernetes**, **Python** and **Bash**
- [Settlement Engine](#) - **Java**, **Spring**, **Python** and **Bash**

Communicode AG

- [Vorwerks Cookidoo](#) - **Java**, **Spring**, **DynamoDB**, **RabbitMQ**, **Redis**, **Docker** and **Bash**
- [Vorwerks Thermomix](#) - **Java**, **Hybris**, **Spring**, **Elasticsearch** and **Groovy**
- [Vorwerk Twercs](#) - **Java**, **Spring**, **Hybris** and **SAP Business ByDesign**
- [Balluff Product Catalog](#) - **Java, Spring**, **Elasticsearch**, **Bash** and **STEP**
- Support Team with customer contact - **Java, Spring**, **Lucene** and **ASIM**

Yerbabuena Software Engineers

- [Athento](#) - **Java**, **BPMN**, **Groovy**, **Nuxeo** and **Alfresco**

During my studies

- Implementation and analysis of self-adapting memetic algorithms with persistent population - **Pearl** and **CouchDB**
- Hyper Heat Handler (HHH) - **Java** using **RMI** and **MySQL**
- Risk for Android - **Android-SDK** and **.NET**
- Computer Engineering Degree App - **Android-SDK**
- iDrugs - **Android-SDK**, **SPARQL** and **Virtuoso Server**
- WTFS (What The File System) **C** using **FUSE**
- Shell for Linux-like operating systems - **C** using **POSIX**
- Implementation of the RSA-algorithm - **C**
- Tretis - **Intel ASM86**
- R-MESSENGER - Assembly language from microchip **Renesas 3DKM16C/62PU**