

# Manolo

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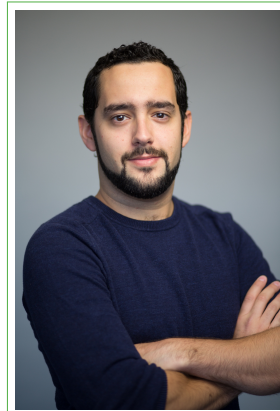
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## Concise Profile

|           |  |
|-----------|--|
| Education | Master in Computer Science                         |
| 10 years  | Java, Spring                                       |
| 8 years   | Python, Django, DjangoCMS                          |
| 5 years   | Elasticsearch, RabbitMQ, Github Actions, Gitlab CI |
| 2 years   | Commercetools, Contentful                          |
| 1 year    | React and Next.js                                  |

## Education

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

## Additional Formation

|            |   |
|------------|---|
| Sept. 2022 | <b>Contentful</b> Certified Professional, Contentful  |
| Apr. 2022  | <b>Commercetools</b> Associate Functional Architect Certification, Commercetools              |
| Dec. 2019  | <b>DynamoDB</b> Immersion Day, Amazon Web Services, Dortmund                                  |
| Jan. 2018  | Advanced <b>Kubernetes</b> Training, Zalando SE, Dortmund                                     |
| July 2015  | <b>Hybris 5</b> Core Developer Certificate, COMCAVE.COLLEGE GmbH, Essen                       |
| Nov. 2014  | Core <b>Elasticsearch</b> Training, Elastic, Berlin   |
| July 2011  | <b>Android</b> Programming, Universidad de Málaga, Spain                                      |
| Dec. 2009  | <b>Java</b> technologies for web and <b>mobile development</b> , Universidad de Málaga, Spain |

## Languages

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

## Technical expertise

|  |  |
|--|--|
| Proficient in<br>(daily use and<br>8+ years of<br>experience)      | PYTHON, JAVA, BASH   |
| Advance skills in<br>(weekly use and<br>4+ years of<br>experience) | JAVASCRIPT, SQL  |
| Frontend<br>development  | HTML, CSS, JAVASCRIPT (jQuery, React,)   |
| Web frameworks   | Spring, Flask, Django, Next.js   |
| Search engines   | Algolia, Elasticsearch, Lucene   |
| Commerce<br>platforms  | Hybris, Commercetools  |
| CMS  | Contentful, DjangoCMS  |
| Messaging  | RabbitMQ, Redis  |
| Databases  | PostgreSQL, MySQL, DynamoDB, Oracle, CouchDB, SQLite3  |
| CD/CI tools  | GitHub Actions, GitLab CI, Jenkins, Atlassian Bamboo   |
| Build and<br>deployment  | Maven, Docker, Kubernetes  |
| Basic skills in  | ANDROID-SDK, C, C++, PL/SQL, GROOVY, C#, PERL, RUBY, PASCAL, HASKELL, PROLOG, CLIPS, x86 ASM, EIFFEL |
| Scientific<br>programming<br>languages                             | Matlab, Octave, LYX  |

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## Work 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), **CMS** (Contentful) and **PIM systems** (STEP)
- Responsible for requirements analysis, software architecture and backend development with customer contact
- Developing using mostly **Java**, **Spring**, **RabbitMQ** and **Next.js**
- DevOps activities mostly using **Bash**, **Python**, **Jenkins** and **GitLab CI**

### 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** 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** (STEP, ASIM, infunIQ)
- 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**

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## Personal Projects

|            |  |
|------------|--|
| Project    | <b>Disc Golf Friends Webpage</b>   |
| Technology | <b>Python, Django, MySQL, DjangoCMS, HTML, JS (jQuery), CSS</b>  |
| When       | January 2020 – today   |
| Team size  | 2  |
| Summary    | <p>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).</p> <ul style="list-style-type: none"><li>○ Cooperation between 2 developers and 2 content managers (all of them club members)</li><li>○ <b>Backend</b> and <b>frontend</b> programming as well as configuring <b>DjangoCMS</b> (also creating plugins used by CMS users)</li><li>○ DevOps activities using <b>Github Actions</b></li></ul> |
| More info: | <a href="#">Disc Golf Friends</a>  |

|            |  |
|------------|--|
| Project    | <b>Mekami</b>  |
| Technology | <b>Python, Django, PostgreSQL, Redis, HTML, JS, CSS, Java (Android SDK)</b>  |
| When       | July 2012 – February 2019  |
| Team size  | 6  |
| Summary    | <p>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.</p> <ul style="list-style-type: none"><li>○ Working together with friends from university all around Europe (Dortmund, Essen, London, Málaga)</li><li>○ Backend and Frontend Programming</li><li>○ DevOps activities using <b>AWS</b></li></ul> |
| More info: | <a href="#">Mekami</a>   |

## Other projects

### foryouandyourcustomers

- Pathfinder - Internal Sales Project - Javascript (Next.js), Commercetools, Contentful and Java
- [Lapp Online Shop](#) - Java, Spring, Hybris and RabbitMQ
- [Geberit Online Shop](#) - Java, Spring, Commercetools and Kubernetes

### Zalando Payments

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

### Communicode

- [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**