

# Lorenzo Manacorda

SOFTWARE ENGINEER · INFRASTRUCTURE ENGINEER

Berlin, Germany

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“Automate all the things.”

## Summary

Back-end engineer at heart, with a strong interest in infrastructure, tooling and automation.

After being a Ruby on Rails consultant for a number of years, I decided to shift my focus on functional languages (mainly Elixir) and frameworks (Phoenix, Redux), and to dedicate more time to Operations. I share the beliefs of the DevOps movement, and look forward to chances to tackle problems that are distributed and large-scale.

## Experience

### Meltwater

SENIOR BACKEND CONSULTANT

Berlin, Germany

Feb. 2016 - Present

- Dockerized web applications, deployed to Marathon on top of a Mesos cluster
- Configured, debugged and optimized a RabbitMQ deployment
- Implemented JavaScript code using Redux and React on ES6

### Viacom

SENIOR BACKEND CONSULTANT

Berlin, Germany

Jan. 2015 - Jun. 2015

- Rationalized the provisioning of our machines using Ansible, which brought massive benefits to the team's ability to upgrade, replicate and control the infrastructure.
- Led the effort to move to a more disciplined TDD/BDD approach, including providing training and workshops. Introduced the idea of Visual Regression Testing to the team.
- Mentored junior team-members on practices such as SOLID, HATEOAS, Presenter/Decorator patterns.

### /\*/

FREELANCE CONSULTANT

The Internet

Apr. 2011 - Dec. 2014

Worked with companies big and small as a Ruby on Rails engineer, system administrator, front-end engineer, API architect.

### SoundCloud

API TEAM INTERN

Berlin

Oct. 2010 - Apr. 2011

- Development on the Rails-based REST API.

## Projects

### TryElixir

TRYELIXIR.ONLINE

Mar. 2015

- An online Elixir lang interpreter. Implemented resistance to malicious input through Supervisor trees and command blacklists.
- Implemented an Elixir syntax highlighter for the CodeMirror project.

## Volunteering Experiences

### Notunterkunft Wrangelstraße

CHILDCARE

Berlin

Dec. 2015 - Present

- Taking care of refugee children once a week, making sure they have a safe space to play, learn English/German, exchange experiences.
- Preparation and nightly distribution of food for the refugees at Lageso, the main registration center in Berlin.

### Starfish Organization; Independent

VOLUNTEERING

Lesvos, Greece

Oct. 2015 - Nov. 2015

Travelled to Lesvos as an independent volunteer. Prepared food, sorted and distributed dry clothes to soaked refugees. Cleaned up camps, roads and countryside. Helped elderly and children get off dinghies on the coast.

## Education

### Università di Bologna - Alma Mater Studiorum

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Bologna, Italy

2006 - 2010

- Thesis titled “Design and implementation of the STUN2 protocol for the Android platform”

# Skills

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<b>Programming</b>	Ruby, Elixir, JavaScript
<b>Ops</b>	Docker, Ansible, Puppet, RabbitMQ, Marathon
<b>Languages</b>	Italian, English, German, Spanish, French