

# Cristian Serb

Full-stack Software Engineer & Consultant

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## EXPERIENCE

### Tech Lead & Co-founder

#### Watergenics UG

Berlin

Feb 2021 - Jul 2021

Developing and conceptualizing an IoT Dashboard. Featuring real-time data charts, historical data analysis, smart alarm triggers

Ruby on Rails • PostgreSQL • Python

### CTO & Co-founder

#### Watergenics UG

Berlin

Mar 2020 - Jan 2021

Watergenics is a startup based in Berlin that combines high-tech real-time sensors and AI in a water analytics platform. We are a data company that measures water-quality parameters to create actionable predictive analytics for the food industry and for environmental monitoring.

### Technical Researcher

#### amatus

Berlin

Jan 2019 - Present

Researching possibilities for rapid blockchain prototyping. Releasing open source software along the way: <http://github.com/cocol-project>

Crystal • Rust • Elixir

### Interim CTO

#### amatus

Berlin

Jul 2018 - Jan 2019

CTO for in-house blockchain ventures

### Blockchain Research

#### solarisBank

Berlin

Jan 2018 - Jul 2018

Technical & product research. Part of a team conceptualizing financial products around crypto currencies

Ruby (Grape) • EmberJS

### Tech Lead

#### solarisBank

Berlin

Sep 2016 - Oct 2017

Building the first debit-card product for solarisBank

Docker • Ruby (Grape, Customized) • Some XML magic

### Engineer & Tech Lead

#### Freelancing

Sep 2006 - Dec 2016

Ruby • JavaScript (jQuery, React) • Objective-C • Docker • PostgreSQL

Hired & Onboarded new team members • Introduced Scrum and Kanban • Introduced safe to fail experiments • Pioneered the adoption of cynefin framework

Banking • Telecommunication • Social Media • Web Apps • Mobile & Web ad-tech

## **CTO**

### **Home eat Home**

Berlin

Jan 2015 - Feb 2016

Smart meal bags (think marley spoon) sold via customized vending machines

## **Tech Lead**

### **LX e-commerce solutions**

Berlin

Feb 2014 - Jul 2014

User engagement via online mini games

Hired & Onboarded new team members • setup technical strategy

## **Tech Lead**

### **SponsorPay (Fyber)**

Berlin

Apr 2011 - Oct 2012

Building the mobile advertisement platform for SponsorPay (now Fyber)

## **Senior Web-Developer**

### **Vodafone**

Düsseldorf

Jun 2008 - Oct 2009

Building the email web client for vodafone360

## **Full-Stack Web-Developer**

### **millepondo services**

Köln

Jan 2007 - Jan 2008

## **Full-Stack Web-Developer**

### **Videotaxi GmbH**

Köln

Jul 2000 - Jul 2004

## **PROJECTS**

### **Cocol Project**

Rapid blockchain prototyping library in Crystal

<http://cocol.io>

## **SKILLS**

Ruby, Crystal, Elixir (proficient)

Rust, Python (basics)

Scrum, Agile

## **CONTACT**

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