CÉCILE TONGLET

CTO & SENIOR SOFTWARE ENGINEER
RUST – SERVERLESS

Cécile Tonglet, age 32 <cv@cecton.com>

1390 Grez-Doiceau
Belgium

Languages: French (5. Native), English (4. Full professional proficiency), Dutch (1. Elementary proficiency)

European Driving Licence B

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Experience   Career path

Parity Technology   01.2020 – current

Helping to build Web 3.

Technologies: Rust, Blockhain.

Charlin   01.2019 – 08.2019

I built an engineering team with a strong culture based on trust and efficiency. Optimized for asynchronous work and emphazing code ownership, responsibility, decision making and freedom of choice.

Our mission was to help elders to stay at home longer using IoT.

Technologies: AWS (IoT, Lambda, RDS, Fargate, CloudFront), Terraform, React.js, Node.js, Python, Rust.

Collibra   09.2018 – 12.2018

Helping on frontend development.

Technologies: React, TypeScript, Relay, Jest, Enzyme and WebPack.

TenForce   09.2017 – 08.2018

I'm rewriting completely the front-end of the TenForce Web application to make it fast, responsive and easier to maintain.

Technologies: React, TypeScript, Redux, redux-observable, RxJS, Jest and WebPack.

TenForce   04.2016 – 08.2017

Working on semantic technology, I made backends for OAuth login, Docker Compose & Swarm backend and a few various libraries.

I'm also in charge of the DevOps work part of our department: continuous integration tools, automatic deployment & packaging, etc... I'm always proposing new ideas to improve our processes and development environments.

Technologies: Terraform, Scala, Docker, Docker Compose, Docker Swarm, Node.js, Python 3 (with asyncio), Open Stack.

Codabox   08.2015 – 03.2016

In an almost flat organization, I analyze the needs and implement various new business logics to our internal softwares including: a REST API, reporting tools and core business services. Part of my role is also to maintain our infrastructure and find solutions to our common issues.

Technologies: Docker, Python, Django, Django REST framework, HTML5.

Odoo   02.2012 – 07.2015

One of my job is to manage a development team, maintain a platform for the migration services (with web services) and provide some support when the tickets need a deeper expertize.

I developed from scratch the migration platform using Python, Odoo and Docker in order to make the deployment much easier. My target was to make a distributed system where workers are located on AWS that can scale depending on the load. I'm still receiving really good feedbacks of my work today by my former colleagues.

YCare   05.2011 – 11.2011

ORM with customized Web application to manage a travel agency and orders from the website.

Software/Languages: Apache Web Server, MySQL, Perl, DBI, XML/XSLT

Tasks: requirements analysis, database design, framework design, customized scripts and web design.

Database development.

Software: FileMaker Pro

Tasks: script creation and server maintenance.

Technical Skills   A brief summary

Languages	Rust, Scala, JavaScript, Haskell, Python 2/3, Perl, Bash, C++
Frameworks	Django, asyncio/aiohttp, Odoo, Play, Qt, Flask, GTK+, Tk
Databases	PostgreSQL, MySQL, Virtuoso, SQLite
JavaScript	TypeScript, React, Redux, RxJS, Jest, WebPack, Hapi
Technologies	Serverless, Docker, React, Amazon Web Services, Python Async I/O, XML, SDL2
OS	ArchLinux, (WSL), Gentoo, Debian, RedHat, OpenSUSE, SailfishOS
Graphism	The Gimp (retouching), Inkscape (vector), AutoCAD (CAD)

Catalytic Skills   "Soft" skills

- Leadership
- Good communicator
- Transparent
- Pragmatic

- Passionate
- Innovative
- Autodidact
- Autonomous

- Team player
- Love to share knowledge
- Good listener
- Motivator
- Good sense of humor

Work Quality   What I am really good at

Effectiveness	I try to choose the path that will bring more effective results in my management and decision making process.
DevOps	Excellent at scripting and automation. I like the things to work out of the box without hassle. I believe every project should get continuous integration and proper review.
Analysis	Getting a quick grasp on unfamiliar codebases, revealing issues, performance analysis, profiling, code simplification, optimization and readability.
Maintainability & Robustness	Finding the simplest and most reliable solution to a given problem without losing sight the fact that every code need to evolve. Fully document it and comment it as much as necessary.
Testing	Test-driven development. I like to have a strong test environment including unit and integration tests. I will, however, debate if I believe some tests aren't bringing any value the application.
Team Working	I like to share my knowledge and I am very patient and easy to work with.

Training   Studies

2005 – 2006	Sciences informatiques Universite Libre de Bruxelles
2002 – 2005	Sciences & Informatique, Institut Provincial d'Enseignement Technique, Nivelles

Hobbies

I am autodidact. Most of my knowledge come from my own passion for programming and computer in general by reading books.

I am enthusiastic about embedded systems, I own two WRT routers, Raspberry Pi (1 and 2), a Cubieboard and a **Novena**.

I like doing my own stuff. I made a game system capable of playing a bunch of old retro consoles (mostly 8 bits and 16 bits). I also own a few consoles of my youth: the Sega Saturn (which I modded a bit) and a Sega DreamCast.