

Camila San Martin Ayres

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Back in Brazil I worked for several years as Front-End Developer and worked a bit with C#, Java and even Delphi. Because I am a curious person and I like to learn new technologies, I started to use Linux (currently openSUSE + KDE) and got into C++/Qt [1] development. When I moved to Germany I initially had a hard time adapting but then I got a chance to work at Meltwater where I used PHP, Ruby on Rails [2] and AngularJS to develop applications around web and mobile and got to experiment a bit with Go. Later on I started to work for a startup maintaining and developing a Drupal 7 system, where I also learned to appreciate the CSS framework Bootstrap.

In 2016 I worked as a freelance with another CMS called Concrete5. Web Development is where I feel most comfortable, especially in the backend but learning new things or working on mobile is cool, too. Nowadays I work for Studio Nand [8] in one of their projects with different programming languages: C++, C and Javascript.

On my free time I have been hacking on a project called Popcorn [3], which lets you upload various media and semi-automatically make a movie with it. At first I created a pure PHP application but currently I am making it an Nextcloud app. The video is created with MLT (C based open source multimedia framework). Besides coding, I like to hang out with another free software enthusiastic people, go to meetups about technologies, programming languages and feminists in tech. At home I appreciate a good technical book, watching movies with my husband and petting my dog. Today I feel at home living in Germany.

Work experience

Aug/2016 - now (Berlin/Germany)

Software Developer at Studio NAND [8]

Working with OpenGL, C/C++ and Javascript using Qt, openFrameworks and Node.js.

Dec/2015 - Aug/2016 (Berlin/Germany)

Freelance Software Engineer

Worked with Concrete5, Drupal 7, JQuery UI, AngularJS, AEM - (Adobe Experience Manager - using Docker to run local instances of AEM).

Jan/2015 - Nov/2015 (Berlin/Germany)

Software Engineer at publiq Verlag

Developed their publiq.media Drupal 7 system [4]. publiq Verlag is a publishing house and publiq.media is a platform for writing articles.

Apr/2013 - Sept/2014 (Berlin/Germany)

Engineering Trainee for Mobile & Self-Service Applications at Meltwater

Programmed in Ruby (Ruby on Rails) on an internal project and in PHP on Ice Rocket [5], also worked on the QA process in a mobile project, using tools like MonkeyTalk and Appium.

In the same project I developed in Javascript (AngularJS + PhoneGap) and for unit testing, used Jasmine and Karma.

May/2011 - Aug/2011 (Brazil)

Google Summer of Code Participant for KDE

Umbrello is a Qt/KDE UML viewer and code generator. I worked on refactoring the code and ported parts from Q3Canvas (Qt 3) to QGraphicsView (Qt 4) [6].

Sept/2011 - Nov/2011 (Porto Alegre/RS/Brazil)

Dev-Tools Support Engineer for Atlassian at E-Core

Jan/2011 - May/2011 (Porto Alegre/RS/Brazil)

C++ Programmer at HomeSystems

Worked in a SCADA (supervisory control and data acquisition) system, porting it from C Builder to the C++ Qt Framework.

Jun/2010 - Nov/2010 (Porto Alegre/RS/Brazil)

Programmer at ECS Informática

I was part of the team working on updates and giving technical support for websites using the .NET framework.

Jun/2008 - Jun/2010 (Porto Alegre/RS/Brazil)

Interface Developer at AG2

Worked on maintaining and developing websites using SEO techniques, HTML, CSS and JQuery. The backend was in C#.

Dec/2006 - Jun/2008 (Santa Maria/RS/Brazil)

Production Manager at Prumos Interativa

Jun/2005 - Jun/2008 (Santa Maria/RS/Brazil)

Webmaster at Prumos Interativa

I worked in HTML and CSS on the UI of websites that later would be integrated with the web applications (JSP/Java) developed by the company.

Aug/2004 - Mar/2005 (Santa Maria/RS/Brazil)

Technical Support at A & G Calçados Ltda.

Mar/2004 - Aug/2004 (Santa Maria/RS/Brazil)

Internship at Politechnical College of the Federal University of Santa Maria

Sept/2003 - Dec/2003 (Santa Maria/RS/Brazil)

Delphi Programmer at N.A Malhas Ltda.

Developed an application in Delphi to manage the store inventory.

Education

Feb/2009 – Aug/2011 (Porto Alegre/RS/Brazil)

Course of **Analysis and Systems Development** at Faculty of Technology SENACRS

Vocational Qualification of Technological Level in **Computer Programming** and **Systems Analysis**.

2002 – 2004 (Santa Maria/RS/Brazil)

Technical Course in Informatics at Polytechnical College of the Federal University of Santa Maria.

Certification

May/2014 – May/2016 (Berlin/Germany)

Certified **Scrum Master** by Scrum Alliance

Languages

Portuguese (mother tongue), English (fluent) and German (beginner).

Talks, Presentations

Jul/2014 (Berlin/Germany)

Meltwater TechTalk: **Meltwater Mobile App – how we test it.**

Apr/2014 (Dubrovnik/Croatia)

openSUSE Conference: **Workshop Ruby on Rails** for beginners. [7]

Nov/2010 (Foz do Iguaçu/Brazil)

VII Latinoware: **KDE needs you: how to become involved.**

Jul/2010 (Porto Alegre/RS/Brazil)

FISL (International Free Software Forum): **KDE Lovelace.**

Jul/2010 (Tampere/Finland)

Akademy (annual world summit of the KDE community): **Highlights of KDE Women 2010** and **BoF Session Encouraging Women into KDE.**

Oct/2009 (Porto Alegre/RS/Brazil)

Workshop on the Research Project: Ubiquitous Control System (Scientific Initiation) at the III Exhibition of Scientific Initiation and Academic Week at the Faculty of Technology Senac RS and **Ubiquitous Control System Project presentation** at the XXI Lounge Scientific Initiation at the Federal University of Rio Grande do Sul.

Links

- [1] <https://github.com/camilasan/pagepreviewplugin>
- [2] <https://github.com/camilasan/sorcery>,
<https://github.com/camilasan/jira-login-example>
- [3] <https://github.com/camilasan/popcorn>,
<https://github.com/camilasan/popcornapp>
- [4] <http://www.publiq.media/>
- [5] <http://www.icerocket.com/>
- [6] <https://github.com/KDE/umbrello/tree/umbrello-qgv-port>
- [7] <http://camilasan.com/rubyonrails>
- [8] <https://nand.io>