



María Castro

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BlackHarpy

I am a software engineer specialized in the area of web development. I'm very enthusiastic about JavaScript, whether using it for front-end or back-end development, or attending and giving out talks at local meetups in Santiago.

I am also very interested in Agile Methodologies and striving to learn and promote good development practices towards my peers, organizations and basically anyone willing to discuss how to create a great working environment that values diversity and continuous improvement. When I'm not programming I can be found drawing, taking pictures of my travels, or sharing cute animals gifs or funny stuff I find on the internet.

Skills

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| Languages | Spanish (Native) English (Fluent) |
| Programming and Markup Languages | JavaScript JQuery, Ext JS, AngularJS, Angular, React, Vue.js, Express, TypeScript HTML5, CSS3 Less, Sass, Bootstrap, Flex, CSS Grid Java, Python Django |
| Mobile | React Native, Cordova, Ionic 1 |
| Testing Libraries and Frameworks | Karma, Jasmine, Mocha, Jest, Sinon, Enzyme, React Testing Library, Cypress |
| Development Environments | JetBrains WebStorm, VS Code, Adobe Dreamweaver, NetBeans, Atom |
| Databases | PostgreSQL pgAdmin Transact-SQL SQL Server MySQL MySQL Workbench, Navicat, SQLyog, phpMyAdmin NoSQL couchDB, mongoDB |
| Operating Systems | Windows XP, Vista, 7, 8, 10 Linux Fedora, Debian, Ubuntu MacOS |
| Version Control | SVN, Git |
| Agile Development | Scrum, Test Driven Development, Pair Programming, Code Refactoring, Design Patterns |

Work Experience

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| Feb/2020 – Oct/2022 Santiago, Chile | Web UI Developer (Autodesk contractor) Globant Front-end developer in the Business Models team working in the Licensing Module of Autodesk BIM360 Product. This involved designing and implementing the different licensing models for Autodesk BIM360 products. Technologies used: React, React Hooks, Webpack, Storybook, Jest, React Testing Library, Cypress |
| Sep/2018 – Jan/2020 Santiago, Chile | Web UI Developer (Autodesk contractor) Globant Front-end developer, for the Security Dashboard project in Autodesk. This is an internal web application to monitor security features of different Autodesk products. Technologies used: React, Redux, Webpack, Storybook, Jest, Enzyme |
| Aug/2018 – Sep/2018 Santiago, Chile | Web UI Developer (BCI contractor) Globant JavaScript developer, for the Mutual Funds module in BCI clients web application. The module is used by clients of the bank to make investments online. Technologies used: Angular 5, Express.js, Karma, Jasmine |
| Jun/2018 – Aug/2018 Santiago, Chile | Scrum Master SimpliRoute SpA Guiding the team and the organization on how to apply Agile Principles. Helping to keep the |

development team focused, by offering coaching and removing obstacles that block the achievement of sprint goals. Facilitate the communication between the development team and stakeholders of the product. Keeping track of the progress of tasks in a sprint. Foresee possible risks and blockers to assist in planning and prioritization.

Software Engineer SimpliRoute SpA

Full-stack Development of the SimpliRoute Platform. Design, implementation and optimization of features of the main web app, server, and mobile app. Assurance of code and product quality by performing code reviews, collaborating with peers to ensure good development practices and exchanging knowledge. Web platform and server deployment on stage and production environments. The workflow follows Agile Development practices under a Scrum Framework and there is a big emphasis on using TDD, Code Refactoring, Pair Programming and Code Reviews to assure the quality of the delivered functionalities.

Technologies used: HTML5, CSS3, SASS, Angular 1.5, Angular 2, React, Ionic 1, React Native, Redux, PostgreSQL, DynamoDB, Django, NodeJS, Express.js, AWS Lambda Functions, AWS SQS, AWS SNS, AWS Load Balancers, Git.

Feb/2017 – Aug/2018
Santiago, Chile

Front-end Developer 46 Degrees Technologies Chile SpA

Implementation of web pages and email templates. Development of the Nova Payment Button system.

Technologies used: HTML5, CSS3 and Bootstrap, React, Redux, Material-UI.

Oct/2016 – Jan/2017
Santiago, Chile

Junior Analyst II Xpectra Systems C.A.

Full-stack development of the Invoicing Module of Nevula Central Stations platform. Analysis, design and development of the module front-end according to requirement documents and the lead of the Project Manager. Development of new endpoints for the main API ensuring the careful processing of invoicing data.

Technologies used: HTML, CSS3, Bootstrap, Angular 1, NodeJS, Express.js, CouchDB, Git.

Aug/2015 – Sep/2016
Puerto Ordaz, Venezuela

Sep/2014 – Jul/2015
San Tomé, Venezuela

Developer Guardián del Alba

SCADA Galba Implementation, Macros Programming in Excel and OpenOffice Calc

Jan/2014 – Jul/2014
Puerto Ordaz, Venezuela

Systems Coordinator Clínica Puerto Ordaz C.A.

Systems Department

Network administration, Technical Support and Sparrow System Administration

Nov/2012 – Jan/2014
Puerto Ordaz, Venezuela

Developer Dovic C.A.

Production Department

Ceciamb Clinic VIDA System Maintenance using Visual Basic 6

Jun/2011 – Oct/2011
Puerto Ordaz, Venezuela

Graphic Designer Hostiende Venezuela.

Design of pamphlets, banners, business cards, and web graphical elements. Design of vector images and logos. Magazine layouts. Video editing. WordPress blogs administration. Web pages and IT related texts English/Spanish translation.

Sep/2010 – Jan/2011
Maturín, Venezuela

Engineering Intern Petróleos de Venezuela S.A. (PDVSA)

Web development of various modules in the CGA-AIT System, designed for Personnel Management inside the department. Interfaces design using Ext JS Framework and MySQL server interactions using PHP.

Aug/2008 – Oct/2008
Puerto Ordaz, Venezuela

Technician Intern Electrificación del Caroní (EDELCA)

Survey to users about the Citrix Service. Technical Support



Education

Mar/2005 – Dec/2011
Puerto Ordaz, Venezuela

Informatic Engineer December 3, 2011

Computer Technician November 14, 2009

National Experimental University of Guayana (UNEG)