Personal Info

Marital Status:
Married
Home Country:
Chile
Birthday:
27 July, 1988

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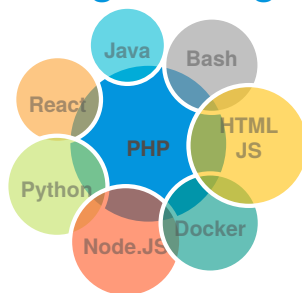
Tel & Skype

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Programming

Java, Bash, React, PHP, HTML JS, Python, Node.JS, Docker

Personal Skills

Always Learning, Initiative, Problem Solving, Team Player, Organized, Solution Architect, TDD

Experience

07/16 - Now   **Project Leader**   *Topten International Services*
Lead the development of a new web platform, including the planning, budgeting and architecture design of the software, which included a 2 month internship in Zürich, Switzerland with the Topten Team.
Keywords: *Project Management, TDD, Software Architecture.*

12/14 - Now   **Full Stack Software Engineer**   *Fundación Chile*
Development of several web platforms for private and public institutions of Chile. Mainly focused on energy effisency metrics, remote monitoring and control of electrical circuits using *IoT and Big Data* solutions. These projects where developed from scratch, including the server stacks.
Keywords: *IoT, Software/Server Architecture, TDD, PHP, Python, Node.JS, Big Data.*

02/14 - 11/14   **Software Developer (Remote/Consulting)**   *Fundación Chile*
Development of new reportability modules for an outdated energy efficiency platform, improving the UI/UX, and the inclusiong of Git versining.
Keywords: *PHP, Git, UI/UX*

03/13 - 12/13   **Software Development**   *SubRed EIRL Ltd.*
Development of several static and dynamic pages for local businesses.
Keywords: *Jekyll, Wordpress, Drupal, Alfresco.*

05/12 - 05/13   **Academic Assistant**   *Laboratory of Interdisciplinary Research on Astro-Engineering*
Maintaining and development of several software modules for the Atacama Large Millimiter Array Observatory, including the research for real time applications using distributed computing.
Keywords: *Java, C++, Qt, Python*

03/11 - 11/12   **Software Research Assistant**   *Computer Systems Research Group*
Development of a project including low-level programming using bluetooth interfaces and distributed computing using a propietary framework of the European Southamerican Observatory (ESO).
Keywords: *C++, Qt, Python, Java, Distributed Computing*

Education

2007 - 2015   **Software and Computer Science Engineering**   *Universidad Técnica Federico Santa María, Valparaíso*
5 years of software engineering and computer science classes, with a strong emphasis into project management, business intelligence, artificial intelligence and software architecture.

OS Preference
Ubuntu ★★★★★
MacOS ★★★★★
Windows ★★★★☆

Languages
Spanish: Native
English: Professional Proficiency

English Level (CEF)
Listening: C1
Reading: C2
Speaking: C1
Writing: C2

Relevant Skills

Software/Server Architecture
Wide knowledge of cloud based solutions.
For the past 3 years, I've been working deeply with several server architectures, from Virtual Machines to Amazon Web Services solutions, and the corresponding software architectures.

Continuous Integration/Deployment
Continuously involved in fast delivery projects.
I have useful knowledge about using Continuous Integration platforms like Travis and Gitlab CI.

Honors & Awards

3/2012   **Most Innovative Project**   Software Fair, Santiago, Chile
Given for the *ALMA LEGO Simulator* project.
Project developed with the support of the *European Southamerican Observatory* (ESO).

Extracurricular Activity

2012   **Quantum Information Processing**   UTFSM, Valparaíso, Chile
Short talks about the state-of-the-art on quantum computing.
Dictated by Professor *Dan Marinescu*, from the University of Central Florida, USA.

2012   **Cloud Computing**   UTFSM, Valparaíso, Chile
Short talks about the state-of-the-art on cloud computing.
Dictated by Professor *Dan Marinescu*, from the University of Central Florida, USA.

2011   **ENEI-CLI**   Tandil, Argentina
Encuentro Nacional de Estudiantes de Ingeniería, Congreso Latinoamericano de Ingeniería, International gathering of engineering students of South America.
Seminar about engineering challenges for the engineer of the future in South America.

2011   **Encuentro Linux**   Puerto Montt, Chile
National gathering of Linux users, Presentation about the ALMA LEGO Simulator project and the ALMA Common Software integration