

Aaron Cruces Cáceres

MERN Full Stack Developer and Computer Engineer

Professional job experience

- 2021: **PHP Full Stack Developer**, *Te Para Tres, Santiago, Chile*,
September-October Remote development,
Technologies: PHP, VSCode, GIT, XDebug, Laravel, FacturaScripts, Trello
Maintenance of Laravel legacy systems. Integration and development from existing and new systems to a PHP plugin based model in FacturaScripts.
- 2021: **Freelance MERN Full stack developer**, *TeslaDelta, Concepción, Chile*,
May-August Remote development,
Technologies: TypeScript, ReactJS, ReduxJS, Webpack, NodeJS, NPM, ExpressJS, MongoDB, Bootstrap, Sass, Figma, Ngrok SSH remote tool
Web platform creation for inventory management, QR and bar code scanning and, updating products in a database.
- 2020: **Computer engineer and VBA developer**, *Moldava; Intergrade, Lo Barnechea's*
September-December municipality, Santiago, Chile,
Technologies: Excel VBA, Aida64, Microsoft SMB, Acronis True Image
Scrapping and parsing of Aida64 reports using Excel's VBA Macros. OS migration. Software installation and managing.
- 2020: **Computer engineer**, *Intergrade; Just Services, Dirección de presupuestos. Min-*
February-April isterio de hacienda, Santiago, Chile,
Technologies: Microsoft VBScript, Microsoft SMB, Acronis True Image
OS migration automatization with VBScript. Software and hardware installation and managing.
- 2019: **Computer technical support**, *Advanced Computing Technologies, Hospital de*
October-November Urgencia y Asistencia Pública. Santiago
Work under contract for computer support services in the hospital. Coordination and communication between medical and technical personnel.

☎ +56-9-7423-8157 • ✉ aaroncruces@gmail.com

in <https://www.linkedin.com/in/aaroncruces/>

🔗 <https://github.com/aaroncruces>

- 2019: **Linux systems engineer. Computer technician**, *La Casa Del Notebook*, San Diego's street, Santiago, Chile,
August-October Technologies: Clonezilla, Linux, MercadoLibre, Microsoft Windows, Microsoft Excel
Linux systems installation and managing. Computer technician tasked with the software area. Hardware maintenance and repair. Inventory management and selling of computer equipment.
- March 2017 - **I.T. Engineer**, *Ecacom S.P.A.*, Molycop; Terquim. Mejillones,
November 2018 Technologies: OpenWRT, Microsoft Office, Microsoft Windows
Various kinds of works related to computing and information technologies. Including customer relationships; equipment management, and maintenance; design, configuration, and installation of network OpenWRT system.
- 2016: **MEAN Full stack developer**, *Netland School*, Antofagasta, Chile,
July-November Technologies: JetBrains WebStorm, AngularJS, Bootstrap, HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB, Yarn, Gulp, Yeoman, Trello
Development of computer system for connecting teachers and students. Building web services and an android mobile application. Built in a team of 3 engineers.
- 2016: **PHP Frontend developer**, *Netland School*, Antofagasta, Chile,
March-June Technologies: JetBrains PhpStorm, PHP, Wordpress, Cpanel, HTML, CSS, JavaScript
Web platform made for the communication of activities in class. Developed on the WordPress CMS platform, for the design and administration of the activities.
- 2016: **JAVA Developer**, *Regional education ministry service of BioBio*, Concepción,
January-March Chile, Concepción,
Technologies: Java, Eclipse, Swing, Apache POI, Microsoft Excel
Form application for accounting, automatization, and delivery of payments for workers.

Hobby projects

Linux Music Setup, *Personal project for musician, Laptop Midi Workflow*,
Technologies: Linux, SSH, TMUX, MIDI, Jack Audio Connection Kit, KXStudio
Cadence, VST/VSTi Linux Plugins
MIDI Setup for musician for use in a zero-config manner in a laptop with minimal requirements.

Windows Music Setup, *Personal project for musician, MIDI Gamepad instruments*,

Technologies: FLStudio, ASIO4All, MJOY, MidiYokeNT

MIDI Setup for musician. Use of gamepads as MIDI instruments.

Lithophane 3D Printing, *Grandmother's birthday gift*,

Technologies: Autodesk Fusion360, GIMP, LuBan3D Lithophane Creator, Autodesk MeshMixer, PrusaSlicer, Prusa MK2s 3D Printer

Lamp made with lithophane panes with grandchildren images. Frame design made with Fusion 360. Lithophane creation with GIMP → LuBan → Meshmixer. Fabricated with Prusa MK2s 3D Printer.

Academic background

2009-2017 **Computer civil engineering**, *Universidad Católica del Norte, Antofagasta, Chile, Engineer sciences bachelor's degree*

Abilities

Languages

- ReactJS
- ReduxJS
- ExpressJS
- Webpack
- TypeScript
- MongoDB, Mongoose
- SQL
- HTML
- CSS
- VBA
- VBScript
- JAVA
- Bash
- C++
- VB.net
- LaTeX

Technologies

- GIT
- Visual Studio Code
- JetBrains Webstorm, PhpStorm
- Eclipse
- SysAdmin Linux
- Windows
- Microsoft Office with VBA
- Fusion 360
- VMWare, VirtualBox
- OpenWRT, ddWrt
- GIMP
- FFF 3D printing
- MIDI
- Vim

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English language

Written	Mid-High	<i>Fluid writing</i>
Read	High	<i>Understanding any book or article</i>
Spoken	Mid-High	<i>Fluid conversation at normal speed</i>
Listened	High	<i>Understanding any audio, podcast and conference in native language</i>

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