Aaron Cruces Cáceres

Senior Full Stack Developer and Linux System Engineer

Professional job experience

2023: March-June
I.T. Teacher, *IPG Professional Institute*,
Technologies: Microsoft Office
Teaching and training on the practical uses of I.T technologies needed in each assigned carreer. Primarily using Microsoft Office, since it was required by the nature of the professions of the carreers

2023: March-June
Developer and IT support, *IPG Professional Institute*,
Technologies: Microsoft Excel, SMB Samba, FreeBSD, Linux (Arch and Debian)
I.T. solution installation on student admision office.
Shared folder and backup solution deployment on dedicated server on FreeBSD. Using SMB Samba and ZFS (mirror).
Data manipulation and reporting using Microsoft Excel and TypeScript.
Network architecture analisys on collaborator school "Julia Herrera Varas".

June 2022 - March 2023
React web developer and Linux Systems Engineer, *Tecnojosue*,
Remote Development, Concepcion, ,
Technologies: ReactJS, TypeScript, Prisma ORM, ExpressJS, Linux (Arch and Debian), Bash scripting (unix) and BAT (Windows), Web file serving (SMB, Cloudflare DynDNS, Portainer-Docker)
Web application development for inventory management. Made with ReactJS and TypeScript.
"Self hosted" application deployment on Linux servers using Docker, Cronjobs and SystemD daemons.

2021: September-October
PHP Full Stack Developer, *Te Para Tres, Santiago, Chile*,
Remote development,
Technologies: PHP, VSCode, GIT, XDebug, Laravel, FacturaScripts, Trello
Mantainance of Laravel legacy systems. Integration and development from existing and new systems to a PHP plugin based model in FacturaScripts.

📱 *+56-9-7423-8157* • ✉ *aaroncruces@gmail.com*
in *https://www.linkedin.com/in/aaroncruces/*
 https://github.com/aaroncruces

2021: May-August	**Freelance MERN Full stack developer**, *TeslaDelta, Concepción, Chile*, 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: September- December	**Computer engineer and VBA developer**, *Moldava; Intergrade*, Lo Barnechea's 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: February-April	**Computer engineer**, *Intergrade; Just Services*, Dirección de presupuestos. Ministerio de hacienda, Santiago, Chile, Technologies: Microsoft VBscript, Microsoft SMB, Acronis True Image OS migration automation with VBScript. Software and hardware installation and managing.
2019: October- November	**Computer technical support**, *Advanced Computing Technologies*, Hospital de Urgencia y Asistencia Pública. Santiago Work under contract for computer support services in the hospital. Coordination and communication between medical and technical personnel.
2019: August-October	**Linux sistems engineer. Computer technician**, *La Casa Del Notebook*, San Diego's street, Santiago, Chile, 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 - November 2018	**I.T. Engineer**, *Ecacom S.P.A.*, Molycop; Terquim. , 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, Chile*, Concepción,
January–March Technologies: Java, Eclipse, Swing, Apache POI, Microsof Excel
Form application for accounting, automatization, and delivery of payments for workers.

📱 *+56-9-7423-8157*   •   ✉ *aaroncruces@gmail.com*
in *https://www.linkedin.com/in/aaroncruces/*
○ *https://github.com/aaroncruces*

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
- Jest
- TypeScript
- MongoDB, Mongoose
- SQL
- HTML
- CSS
- VBA
- VBScript
- PHP
- JAVA
- BAT
- Bash
- C++
- VB.net
- LaTeX

Technologies

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

☎ *+56-9-7423-8157* • ✉ *aaroncruces@gmail.com*
in *https://www.linkedin.com/in/aaroncruces/*
○ *https://github.com/aaroncruces*

English language

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

☐ *+56-9-7423-8157* • ✉ *aaroncruces@gmail.com*
in *https://www.linkedin.com/in/aaroncruces/*
○ *https://github.com/aaroncruces*