

Héctor Alan Lozano Durán

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WORK EXPERIENCE

- **IT Consultant (November 2024 –)** As a consultant I offer advice and guidance to small businesses, aiding in the understanding of their requirements, evaluation of current systems, and proposal of solutions aligned with their technical needs. Develop customized system solutions tailored to each client's unique requirements, utilizing technologies including HTML/CSS, JavaScript, PHP, and databases such as MySQL and PostgreSQL.
- **Software Developer at Blú Capital (October 2022 – November 2024)** As a key member of the operations team, I've managed and enhanced core banking, CRM, contract management, credit administration, reporting, onboarding, and AML/CFT systems to ensure compliance with federal regulations. Utilizing technologies such as Vue, Express, PostgreSQL, NodeJS, Pentaho, PHP, and jQuery, I've played a pivotal role in optimizing system performance and facilitating seamless operations.
- **Prototyping Engineer at Lienzo (June 2022 – April 2024)** My main activities focused on integrating VR technology into their projects. This involved researching and implementing industry-leading technologies like Unity's XR Plugin Management, XR Interaction Toolkit, and Oculus Integration Package creating technical demos and playable prototypes.
- **Full Stack Developer at Footprint (July 2021 – October 2022)** Created and managed e-commerce websites built with WordPress for a few Swedish brands. I advised clients on what technologies to use according to their needs and I took care of the whole development flow from planning to deployment. I worked mainly with PHP, WordPress, Joomla, MySQL and Claris FileMaker.
- **Programmer of Embedded Systems Freelancer (January 2019 – August 2019)** I worked as a developer of embedded systems for IoT devices using Arduino and Raspberry Pi's with Python and C/C++ languages. This was mainly done to restore the mainboards that 3D Printers use.

EDUCATION

- **M. Sc. In Physics (2021)** Autonomous University of Chihuahua
- **Engineering Physics (2016)** Autonomous University of Chihuahua

CORE QUALIFICATIONS

- Ability to work under pressure.
- Disciplined.
- Problem solving mindset.
- Self-learner.

TECHNICAL SKILLS

- Unix/Linux Systems
- Git
- HTML, CSS and PHP, JavaScript, Python, C and C# programming.
- Modern frameworks: Vue, React, Laravel
- PostgreSQL, MySQL databases.

CERTIFIED SKILLS

- Programming for Everybody (Getting Started with Python) by University of Michigan on Coursera.
- Python Data Structures by University of Michigan on Coursera.
- Using Python to Access Web Data by University of Michigan on Coursera.
- HTML, CSS, and JavaScript for Web Developers by Johns Hopkins University on Coursera