Cristóbal Hernández Chávez

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PROFESSIONAL EXPERIENCE

Ilum Prosperity Sherpas – *Software Developer*; Chihuahua, Mexico **January 2021 – September 2022**

Lead front-end developer for the Zaturna project
Lead developer for different landing pages including Zaturna, Nexum Legal and Ilum

- **Zaturna** (*Vue.js, Vuetify, HTML, AWS, Phoenix, Elixir, Stripe*)
  - Front-end team coordinator, tasks included the authorization of Pull Requests, gathering of clients' requirements, and creation of different components and views throughout the application
  - Zaturna is a web-based marketplace for event planning, where (i) providers can post their services, including event sites, food and waiter services, (ii) users can log-in to communicate and hire provider services through the platform by using Stripe
- **Nexum Legal** *(React, Materialize, HTML, Firebase)*
  - Developer, using React and Materialize, built and released a web application. Tasks included the creation of different views, as well as functional components (e.g., notification panel)
  - Nexum is a website that facilitates the signing of legal documents. Users can upload documents, get feedback from other users, and sign the contracts; all through a web browser

MD Medical Group – *Business Analyst*; Monterrey, Mexico **June 2020 – January 2021**

- Researched treatment plans for compliance of medical reconciliations to assure the patient's safety
- Managed and analyzed COVID-19 patient information to be presented to different Texas' government entities

ICATECH – *Business Process Workflow Mapping Analyst*; Chihuahua, Mexico **May 2019 – June 2020**

- Planned and implemented norms and control procedures to guarantee optimal performance of other departments' operations

Heineken – *Intern*; Monterrey, Mexico **August 2017 – December 2017**

- Collected and analyzed data of Heineken and their key suppliers by generating a timetable to organize delivery schedules of raw materials, reducing unloading times by 30% and alleviating the warehouses' trailer traffic
- Coordinated the proposal of a fully automated sorting mechanism for reusable containers with the implementation of RFID tags

EDUCATION

Trilogy Education / Instituto Tecnológico y de Estudios Superiores de Monterrey **June 2021 – December 2021**

Bootcamp: Full-stack development certification

- **Nutricipy** (*HTML, CSS, JavaScript, jQuery, APIs*)
  - Developer, managed web application frameworks, coordinated tasks, and development using vanilla JavaScript
  - Nutricipy is a web application that uses a Body Mass Index API to calculate a suggested calorie intake, the information is crosschecked with a diet API that displays recipes based on their recommended intake threshold

Instituto Tecnológico y de Estudios Superiores de Monterrey; Monterrey, México **August 2013 – December 2018**

B.S. Industrial Engineering with minor in Systems Engineering

Oklahoma State University; Stillwater, United States **June 2016 – July 2016**

Business administration and entrepreneurship summer program

CERTIFICATIONS

Toyota Production System (TPS) – CLUSTER of Nuevo Leon **April 2017**

- Potential savings of Ps$600,000 when applying +40 improvements to machinery and processes by implementing the 5S system

EXTRACURRICULAR ACTIVITIES

NASA Robotics Club FRC (FIRST Robotics Competition) – *Mentor* **January 2013 – December 2014**

- Co-founder and mentor of the FIRST Tech Club for middle school students in ITESM Chihuahua. Competed in the USA, obtaining an inspiration distinction through good communication skills and collaborative teamwork between students and professors

SKILLS

Software

- Web: HTML, CSS, JavaScript, GraphiQL, React library, Vue.js framework
- Tools: Git, Visual Studio Code, Jira, Bitbucket, AutoCAD
- Exposure to: Elixir, AWS, MongoDB, Firebase, SQL, NoSQL, Pro Model

Languages

- Fluent in both English and Spanish