Andrés de Jesús Carrillo Herrera

Fullstack Developer
Chetumal, Q.Roo, México | LinkedIn | GitHub
andresjch2804@gmail.com

EDUCATION

Instituto Tecnológico de Chetumal   Chetumal, Quintana Roo
Bachelor in Computer Science   2005 - 2009
Professional license number: 7085967

WORK EXPERIENCE

Salvo Software   Chetumal, Quintana Roo
Senior fullstack developer   2023

- Developed a modular web application for advanced customization of Proteus Controller by ByoWave gaming controllers, an adaptive hardware designed for users with diverse physical needs.
  - Integrated direct communication between the browser and the physical hardware through the WebHID API, enabling a secure and seamless connection without native dependencies.
  - Implemented dynamic mapping of physical modules (joysticks, ministicks, and A/X/B/Y buttons) to custom user configurations.
  - Built a user profile system with persistent configurations, ratings, tags, and descriptions.
  - Designed and normalized the MySQL database using Prisma ORM, incorporating indexes for optimized queries.
  - Integrated AWS S3 for secure storage of multimedia assets.
  - Developed a modern and accessible UI using React + TypeScript with emphasis on modularity and performance.
- Developed ChrispCo, a comprehensive web application for construction project management, designed to handle job sites, teams, tasks, and operations. The platform integrates advanced geospatial capabilities using Google Maps and PostGIS, enabling visualization of job sites, task assignments, and construction progress.
  - Designed and implemented a modular architecture based on Clean Architecture, ensuring scalability and maintainability.
  - Implemented project and task management modules with hierarchical relationships between teams and supervisors.
  - Integrated Google Maps API for interactive job-site visualization and activity tracking.
  - Built reusable UI components with React MUI and TailwindCSS to achieve a consistent and responsive design.
  - Implemented data synchronization and persistence using Prisma ORM and TanStack Query.
- Provided maintenance and continuous improvements to PlugStar API, focusing primarily on enhancing the administrative panels and internal user experience.
  - Improved the management and usability of the admin panels, streamlining navigation and internal workflows.
  - Applied major UX and validation improvements to administrative forms.
  - Refactored core components to enhance consistency between frontend and API communication.

WORK EXPERIENCE

XID Digital Services   Chetumal, Quintana Roo
Senior fullstack developer   2023 - 2023

- Developed a software engineering proposal for implementation in the company's software development.
- Conducted a survey to understand the technologies used by the company's software team.
- Trained 10 people in Vue 3 using the new Composition API.
- Led the Vue 3 frontend team.
- Implemented daily meetings within the Scrum framework.
- Created practical evaluations in Vue 3 for new candidates during their hiring process.
- Established and organized the company's GitHub organization, creating teams and repositories.
- Implemented a system to measure the productivity of software development teams.
- Implemented the new redesign of the EdenRed Websales Vales de Despensa project.
- Participated in the development of software architecture proposals for various clients.
- Created a guide for generating deliverable documentation upon project completion.
- Created the base repositories for projects in Vue 3 and NestJs.

Salvo Software   Chetumal, Quintana Roo
Senior fullstack developer   2022 - 2023

- Built user interfaces with VueJs/Vuetify/Quasar
- Gained experience with ReactJs
- Provide support to applications built in Laravel and AWS Lambdas (Javascript, Python)

XID Digital Services   Chetumal, Quintana Roo
Senior frontend developer   2021 - 2022

- Specialized in frontend development with VueJs/Nuxt
- Gained experience in backend development with AWS Lambdas/Serverless Framework (Javascript) and Typescript with Clean Architecture
- Led application development of Websales Vales de Despensa EdenRed
- Created proposals for the backend development of EdenRed Websales Vales de Despensa and the modernization of the Xcaret Group's inventory system
- Taught 40 hours course on VueJs best practices to 10 people

DACODES   Chetumal, Quintana Roo
Fullstack developer   2020 - 2021

- Developed an administration panel for multiple amenities of the Royal Uno Hotel
- Provided support to applications built in Laravel/Lumen
- Provided support to a REST API used for promoting Palace Resort Group employees

ActualSales   Chetumal, Quintana Roo
Backend developer   2020 - 2021

- Maintained applications built in Laravel and lead generation sites.

WORK EXPERIENCE

GDC de México   Chetumal, Quintana Roo
Fullstack developer   2019 - 2020

- Specialized in backend development with Laravel
- Built frontend applications with VueJs/Vuetify/Bootstrap
- Oversaw project management, database design and development team
- Collaborated in the development of modules for an Electronic Health Record.
- Led the development of a sample-tracking application for the State Public Health Laboratory.

Secretaría de Educación Pública del Estado de   Chetumal, Quintana Roo
Quintana Roo   2015 - 2019
Fullstack developer

- Developed applications with Laravel
- Maintained applications in Django
- Built user interfaces with VueJs/Bootstrap
- Oversaw project management, database design and development team
- Led a project to modernize the School Placement Assignment Platform used by all students in Quintana Roo.
  - Redesigned database
  - Rewrote the backend from Django to Laravel
  - Rewrote the frontend from Jquery to Vue
  - Optimized performance and process for the benefit of 25,000 students.
- Developed, designed and improved multiple applications.
- Implemented SCRUM as a development methodology.

Integratium   Chetumal, Quintana Roo
Fullstack developer   2017 - 2018

- Build an application in Laravel
- Created user interfaces with VueJs/Bootstrap
- Collaborated in the design and development of a human resources application with Laravel.
- Developed an API for sending and receiving information from existing applications.

Tribunal Superior de Justicia del Estado de   Chetumal, Quintana Roo
Quintana Roo   2013 - 2014
Fullstack developer

- Worked as a backend developer with ASP.Net MVC, C#, SQL Server and Team Foundation Version Control.
- Collaborated in the development of multiple modules of an application with ASP.Net MVC.

WORK EXPERIENCE

H. Ayuntamiento de Othón P. Blanco   Chetumal, Quintana Roo
Fullstack developer   2011 - 2016

- Worked as a backend developer with APS.Net MVC, SQL Server and Team Foundation Version Control
- Oversaw project management and database design
- Coordinated the development of multiple applications, improving the municipality's processes for the benefit of the population.

CERTIFICATIONS

Fullstack Open 2022   Chetumal, Quintana Roo
fullstackopen.com   2022

CERTIFICATE OF COMPLETION 7 ECTS online course with grade 5
Credentials

CERTIFICATE OF COMPLETION 1 ECTS online course in GraphQL
Credentials

CERTIFICATE OF COMPLETION 1 ECTS online course in TypeScript
Credentials

CertiProf   Chetumal, Quintana Roo
                                                                     2022

Scrum Developer Professional Certificate SDPC
Credential ID: FLCSQBTBDQ-DGKFFLGQ-WHNWBHDDTW

ScrumStudy   Chetumal, Quintana Roo
                                                                     2022

Scrum Fundamentals Certified
Credentials

Scrum Master Certified
Credentials

EF SET   Chetumal, Quintana Roo
                                                                     2021

Your level of English is 67/100 on the EF SET score scale, and C1 Advanced according to the Common European Framework of Reference (CEFR). This score is calculated as an average of your reading and listening scores
Credentials

CERTIFICATIONS

wesbos.com   Chetumal, Quintana Roo
                                                                                    2017
   Learn Node Master Package
   Completion ID: #592710f7f8be302fe9f6ed89

COURSES

leonidasesteban.com
  Javascript for React

laracast.com
  Laravel from scratch, VueJs from scratch, Git, Javascript

vuemastery.com
  Intro to vue2, Vue 3 Forms, Intro to vue3, Real world vue 3, Vue 3 composition API, Scaling Vue with Nuxt.js

udemy.com
  Flutter: Android and IOS guide development
  NestJs: Node backend developer
  Mastering Nuxt 3: The complete guide to developing and deploying fast, production-ready Nuxt apps.