Alfredo Ponce Zárate
Team lead | Software developer

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📍 Coyoacán,
04920 CDMX,
Mexico

Computer systems engineer. Self-taught, creative and problem solving oriented

• 10+ years of experience in team leadership, scrum master, product owner
• 25+ years of experience in software development process

I am self-taught, critical, and creative, I feel comfortable with teamwork since I have great adaptability.

Skills

Soft Skills

▸ Leadership ⭐⭐⭐⭐⭐
▸ Communication ⭐⭐⭐⭐⭐
▸ Organization ⭐⭐⭐⭐⭐
▸ Collaboration ⭐⭐⭐⭐⭐
▸ Critical thinking ⭐⭐⭐⭐⭐
▸ Accountable ⭐⭐⭐⭐⭐
▸ Problem solving ⭐⭐⭐⭐⭐
▸ Creative ⭐⭐⭐⭐⭐

Hard Skills

▸ Development / Programming (25+ xp) ⭐⭐⭐⭐⭐
▸ Back end programming (⭐⭐⭐⭐⭐
  ● Languages:
    ○ C#, VB.NET, PHP, Java, ASPX, Visual Basic
  ● Frameworks:
    ○ .NET, .NET Core, ASP.NET, MVC, Node.JS, Laravel
  ● IDE's:
    ○ Visual Studio, Visual Code, JetBrains, Netbeans, Eclipse
  ● Servers:
    ○ Windows Server, IIS, Apache Tomcat, Jetty, Ngnix
  ● Knowledge:
    ○ JSON, XML, API REST, Security, JSON Web Token, SSO, SAML, Encryption, Import / Export data, Unit testing & Mocks, Postman, OpenAPI, Swagger, Docker, NuGet, Maven, RabbitMP, Service Bus, HangFire, BMPL, Markdown, YAML)
▸ Front end programming (⭐⭐⭐⭐⭐
  ● Frameworks / Languages:
    ○ Dart, React, Vue, Angular, AngularJS, Typescript, Flutter, JQuery, HTML5, Sass CSS, Javascript, Node.JS, Ionic, Apache Cordova, LeafLet, OpenLayers
  ● Knowledge:
    ○ JSON, AJAX, Android native development, Hybrid mobile app, Single Page Application, Geographical Information System GIS. MapBox, OpenStreetMap)
▸ Data base Development (⭐⭐⭐⭐⭐
  ● Data Base:
    ○ Firebase, MongoDB, MSSQLServer, MySql, MariaDB, PostgreSQL.
  ● ORM:
    ○ Mongoose, Entity Framework, Dapper, Eloquent.
  ● Tools:
    ○ PowerBI, Tableau, DBeaver, Jasper Reports, MySQL Workbench, MSSQLServer Management Studio.
  ● Knowledge:
    ○ NoSQL, SQL, DML, DDL, Stored procedures, Triggers, OLTP, OLAP Cubes, ETL, BI, Data Warehouse, Data marts)
▸ Methodologies (⭐⭐⭐⭐⭐
  ● Scrum, XP, Agile, Unit test, Design patterns, GitFlow, MVC, MVP, MVVM, CI/CD.)

Languages

‣ Spanish (Native)   ★ ★ ★ ★ ★

‣ English   ★ ★ ⯪ ☆ ☆

‖ Experience

Team Lead

Smart Software Factory - Since 2017 - Zapopan - Mexico

‣ Software factory in multiple industries and platforms. Website: http://ssf.com.mx/

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‣ Project: TORC.
  - Position: Full Stack developer
  - Description: Web and tablet application for oil wells management in Canada, with security profiles and custom reports
  - Responsibilities:
    ○ Meetings with the client
    ○ Demos of the deliverables
    ○ Programming the security layer with Security Server
    ○ Preparation of reports with imports to CVS, XSLX, and PDF
    ○ Use of rules from proprietary Business Process Model
    ○ Periodically extract data from a web page automatically using scrapping techniques
  - Technologies: Github, Dapper, NET Core, C#, Scrapping, ReactJs, Security Server, Selenium, REST API, Hangfire, Scrum, Microsoft RDLC, Excel, PDF, Service Bus
  - Database: MSSQLServer
‣ Project: G4S.
  - Position: Mobile & Back-end Developer
  - Description: IoT ecosystem. Web app and Android phones, communication with specialized hardware that supplies gas
  - Responsibilities:
    ○ Meetings with the client, demos of the deliverables
    ○ Modification of the android app on the smartphone and the Web application
    ○ Interfaz with the hardware
    ○ Maintenance of brokers
    ○ Stay at optimal sonar thresholds to be able to merge
    ○ Code Review
    ○ API maintenance for integration with other external systems
    ○ Code maintenance, refactor and bug resolution
  - Technologies: Git, Java, Spring, Vaadin, Linux, RabbitMQ, Android, SQLite, Jasper reports, JUnit test, Mockito, Scrum, Sonar Qube, REST API
  - Database: Postgres
‣ Pojects: G4S, smartG4s, Liquidaciones
  - Position: Team Lead
  - Responsibilities:
    ○ Management of development teams
    ○ Use the scrum methodology, planning sprints, and tracking stories
    ○ Promote definitions, ideas, objectives, strategies, and goals
    ○ Interface with many stakeholders to drive product decisions.
    ○ Supporting developers
    ○ Feedback to developers, meetings 1 to 1
    ○ Stay at optimal sonar thresholds to be able to merge
    ○ Code Review and authorizing merge and pull request
    ○ Direct contact with clients, taking requirements
    ○ Make demos and presentations to the clients
    ○ Planning deployments
    ○ Monitoring the products developed by the teams
    ○ Stay in contact with other teams
    ○ Interviews and recruitment
  - Technologies: CI/CD, Tableau, Docker, OpenProject, Zabbix, Zammad, Grafana, Jasper Reports
  - Knowledge: Tickets system, KPI, Scrum, Reporting, BI

Team Lead & Developer Sr.
Developer TI - Since 2020 - Villahermosa - Mexico

‣ Software development company specializing in medical laboratories
Website: http://developerti.com.mx

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‣ Project: FacVer4
● Description: API in the cloud, which is used to stamp invoices, used by medical laboratories. It connects with a PAC and the received messages are managed.
● Responsibilities:
○ Design and development of endpoints toward clients, as well as the PAC.
○ Delivery of the XML and PDF stamped by the SAT.
○ Send by email the invoice
○ Documentation of the use of API endpoints
○ Code maintenance and bug resolution
● Technologies: Laravel, Php, Jquery, SOAP, Curl, XML
● Database: Postgres, MySQL
‣ Project: DLab
● Description: Web system that manages the administration of medical laboratories in terms of study requests, delivery of results, customer management, payments, and billing
● Responsibilities:
○ Design and development of the entire billing part
○ Development of billing per patient, per company, self-billing, invoice cancellation, and invoice forwarding
○ General maintenance of the entire system
○ Resolution of bugs
● Technologies: Laravel, Php, Bootstrap, jQquery, REST API
● Database: Postgres, MySQL

Developer Sr.
OpenTech - 2021 to 2022 - CDMX - Mexico

‣ Consultancy firm of development and training of talent
Website: https://www.opentec.com

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‣ Project: Single Sign On
● Description: Creating a security interface by signing between a client and a provider using SAML
● Responsibilities:
○ Design and implementation of all "Single Sign On" security,
○ Meetings with the client and with the provider
○ Proof of concept tests, testing in the development environment
○ Deploy in production.
○ Documentation for use and configuration
● Technologies: Net, C#, SAML 2.0, XML, Javascript
● DataBase: MSSQLServer

Developer Sr.
Mictlanix - 2019 to 2022 - CDMX - Mexico

‣ Software development company

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‣ Project: d-facture
● Description: Service that stamps invoices to the new version 4.0 for a point of sale
● Responsibilities:
○ Update from version 3.3 to version 4.0
○ Modifications required to be able to stamp invoices
○ Code maintenance and bug resolution
● Technologies: Git, SOAP, XML, NET Core
● Database: MySQL

- Project: ShukShuk
  - Description: It is an Instagram clone that allows you to create physical albums of photos
  - Responsibilities:
    - Meeting with the client
    - Designing the screens, programming the entire application
    - Development of payments gateway
    - Programming logistics of delivery times, orders
    - Communication with the backend to process the photos and generate the album
    - Code maintenance and bug resolution
  - Technologies: Dart, Flutter, Git
  - Database: Firebase
- Project: Map component
  - Description: Component that allows managing an OpenLayers map, used in a GIS system
  - Responsibilities:
    - Design and programming of the component, flexibility when using it
    - Documentation for the programmers
    - Code maintenance and bug resolution
  - Technologies: Git, AngularJs, Openlayers, Leaflet, OpenStreetMap, Docker, REST API.
  - Database: MySQL
- Project: TPM-Employee KPI
  - Description: System that surveys machine operators depending on their different positions in a soft drink company
  - Responsibilities:
    - Design and programming of the management of the questionnaire,
    - Show results, and monitoring of the operators.
    - Deployments and resolution of bugs
  - Technologies: Git, Angular-Material, MySQL, NET Core
  - Database: MySQL
- Project: tbc-assets
  - Description: System that manages machinery components for their maintenance, receives excels as input processes them by classifying and assigning managers, and generates formats that are understood by the company's ERP
  - Responsibilities:
    - Programming the import of excels, applying business rules
    - Generate output formats
    - Code maintenance and bug resolution
  - Technologies: Git, Angular-Material, NET Core. KnockoutJS
  - Database: MySQL

Formation

Certification

ULP Universidad Loyola del Pacífico

2009

Microsoft Certified Technology Specialist

I.S.C.

Instituto Tecnológico de Acapulco (ITA)

September 1988 to 1992

Engineer in computer systems

Interests

Topics

- Veganism
- Charity
- Volunteering
- Remote work