

Iván Delgado

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Professional Experience:

Akvelon Inc

México City

Full Stack Software Developer at **Reddit**

March 2023 - Present

- Working as full stack developer and contingent worker helping different teams across the Reddit Advertiser Platform using technologies such **Typescript/React, Python, Apache Thrift, Pydantic, Postgres, Docker, Git, Scrum, logDNA, Sentry, Logrocket**, etc.
- Develop features like a new campaign creation flow, new audience manager flow, bulk edition actions, custom columns module, ads shopping features, form tree navigation, event targeting.
- Working on improving existing features or solving bugs in dashboard, bulk imports, dashboard metrics, dashboard performance, ADS components (Custom components), campaign creation flow, audience manager.
- Developing Rest API endpoints to provide actions for the ADS UI service, adding logic to connect services, validate requests, perform responses.
- As part of the development culture develop unit tests, integration tests and e2e tests in backend and frontend services.

Syntage/SatWS

México City

Senior Software Engineer

April 2022 – March 2023

- Working improving and adding features to the SAT WS dashboard provided to the clients to manage all their transactions related to the SAT, this dashboard use **Typescript/React** as main programming language and consumes **REST** services.
- Develop REST API endpoints using **PHP/Symfony** for the SAT WS public API product.
- Develop REST API endpoints using **PHP/Symfony** for the private API used for internal purposes around the SAT WS product.
- Adding API documentation for the public and private API's using **OpenAPI/Swagger**.

- Develop some internal services using **Python** to generate processed data to provide stats around the SAT WS product.
- Participate actively in the full cycle of development, planning, developing, testing and delivering.

Lumiata

México City

Lead Software Engineer

August 2020 – April 2022

- In charge to provide solutions to our main client's platform called **AI-Studio** in both environment, backend and frontend, using **Python/Django** framework and **Typescript/React** library.
- Develop and design architectures for new features and improvements to the AI-Studio platform.
- Leading the development and architecture over the new business frontend app for our clients, the new UI was built using **Javascript/React** library.
- Leading team through the business requirements assigning tasks and guiding them, also helping people under my charge solving technical issues and personal issues.
- Participate through the hiring process helping to choose candidates for México and USA, not only Software Engineers, also Data Scientists, Machine Learning Engineers and Managers.
- Working with other leads and managers to planify the MVP's and define requirements for every sprint.
- Using **GCP** tools and integrations as main infrastructure stack.

Zubale

México City

Lead Software Engineer

September 2019 – August 2020

- In charge of maintain and develop features for the core micro-services of the company, they are built in **Java/Kotlin** using **Spring Framework**. Some of the features include the migration of our task service to a new one called quest service, develop onboarding features for our promoters, worked on task reservation features, etc.
- Lead entirely a new development integration with **Walmart**, I worked making requirement definition, task assignments and establish communication between the Walmart team on India and our team in Mexico, for this purpose I worked closely with our remotely team specially with one guy from China.

- Leading and helping migrating our backend stack **Java/Kotlin** to **Elixir**, starting to create the new services using this language.
- Develop a RIA using **React/Material Design** and used to manage our Quest operations, Quest Service are the most important service we use to make Zubale works.
- Develop another RIA using **React/Material Design** and used as a client dashboard for our main providers to show them statistics about the operations inside Zubale.
- Using **Circle CI, AWS, Heroku** for the **CI/CD**.
- Using **Basecamp's shape up** methodology instead **Scrum**.
- Help the company to implement the best practices for development.
- Helping manage the team across different internal projects like assigning tasks, code reviews, 1:1's, interviews.

Credijusto

México City

Full Stack Software Engineer

July 2018 – September 2019

- Refactoring tests on one of Credijusto's core application built in **Python/Django Framework** and using the **Django Test Suite**.
- Develop REST services using **Django Rest Framework** to provide custom endpoints for a new UI.
- Architecture and develop a new Single Page Application (SPA) using **Javascript, React, Redux, HTML and CSS/Sass**.
- Using **Git** as version control but we are migrating to **Gitlab**.
- Using **AWS** to manage **EC2, ECS, Elasticsearch service, RDS**, etc.
- Using Jenkins for **CI/CD**.

Tech Lead Engineer

- **Tech Lead** for the **Oro CRM** project helping the team with technical stuffs and helping Project Managers to decide how each requirement can do.
- Develop an **Elasticsearch** internal plugin for **Oro CRM** built on **PHP/Symfony**, I can develop the plugin in 3 weeks, half of time we planned. Just to clarify the Enterprise version of the CRM has the plugin but Credijusto is using the Community version that has not the plugin.
- Maintain and develop new features for the **Oro CRM**.
- Participating through the hiring process, lead sessions to define stuffs related to the engineering management and the internal processes, further code reviews and mentoring.

Australia

Harris & Partners

April 2017 – July 2018

Remote Python Developer Senior

- Part of the development of a new site (<https://www.tfehotels.com/en/>) in order to improve the old one, built in **Python/Django CMS**.
- Develop a middleware using **Flask/Python** to connect to **Sabre API** and provide endpoints with current hotels prices and availability to the new TFE hotels site.
- Architecture and setting up **Elasticsearch** to map hotels information for the TFE Hotels new site.
- Develop a middleware/bridge in **Python** to connect the TFE Hotels database and map this information to Elasticsearch.
- Develop background tasks for the different TFE Hotels applications using **Celery** or **Python command** from shell.
- Develop a custom library in **Flask/Python** to connect to **XIBO CMS** and provide endpoints for custom Camera API's.

Remote Lead Engineer

- Take full responsibility in the technical side for an e-commerce site called Aelia Duty Free (<https://www.aeliadutyfree.co.nz>), built on **PHP/Magento**.
- Develop new features and improvements like the checkout for Aelia site using **PHP, Javascript/JQuery, HTML and CSS/Sass**.
- Building a custom deployment process using **Ansible** for Aelia site.
- Implement a new server architecture to improve the performance of the Aelia site, using **AWS** services like 2 instances of **EC2**, an **NFS** system to synchronize media in EC2 instances, use **RDS**, and **ElastiCache**.
- Taking ownership of the full project attending meetings and requirements from stakeholders, providing solutions and proposing new features.

Linio

México City

Software Engineer Senior

April 2016 – April 2017

- Maintain and develop features for a system called SRT (Shippint Rate Tables) built on **PHP/Symfony, HTML, CSS/Sass, Javascript/JQuery**.
- Provide and improve endpoints for the SRT API using **PHP/Symfony**.
- Implement and improve **Elasticsearch** queries for the SRT.
- Develop a middleware to connect our main system database to **NetSuite ERP** using **PHP/Symfony Console** to build a bridge to map all database results to NetSuite entities.

Dafiti/Osom

México City

Full Stack Developer Senior

December 2013 – April 2016

- Improve many frontend stuffs of the website like checkout, cart, catalog and search pages using **HTML, CSS/Sass, Javascript/JQuery**.
- Develop a command to resize all site images (200000+ images) using **PHP**.
- Migrate **Solr** version in the website, mapping correctly all new features without crash the website.
- Maintain and develop third party integrations for Linio and MercadoLibre to sell our products through that platforms, using **PHP** process to do the job and implementing API connections.

Lead Developer

- Take leadership of the new implementation of a middleware to connect our main system with **NetSuite ERP**, we use **PHP** and **RabbitMQ** to do the job.
- Develop and implement our custom Marketplace to give our providers a tool to upload their products to our platform, using **PHP/Zend Framework**.
- Help the full company with technical stuffs and decisions over the main platform, NetSuite and the third party integrations.
- Some of my responsibilities as leader were to review code, assign tasks, planify and design solutions, 1:1's, attend meetings with all internal departments and also with some external clients.

Praxis/SEGOB

México City

PHP Developer Senior

September 2013 – December 2013

- Implement a new website application to capture resumes and provide reports using **PHP/Symfony** and **Javascript/Angular 1, HTML** and **CSS/Sass**.
- Migrate old PHP projects built on **PHP4/CodeIgniter** to **PHP5/Symfony2** and **Angular 1**.

Hosting Business/Pendulum

México City

PHP Developer Senior

June 2013 – September 2013

- Develop a system for the Archive Control Department using **PHP/Zend Framework**, and **Javascript/JQuery**.
- Maintain and implement tasks and webservices for the **BPM** (Processmaker) of the company using **Javascript** and **PHP**.

Uakami Studio

México City

Software Developer Senior

October 2008 – May 2013

- Develop a big system called good-neighbor admin using and internal framework called APEX and based on custom **HTML, CSS, PHP** and **Javascript** libraries.
- Develop and API with **PHP** REST webservices to provide custom endpoints from good-neighbor system.
- Develop a frontend application for custom monitors to manage the goodneighbor system using **Javascript/JQuery** custom components and **Adobe AIR**.
- Develop a Mobile application for iPads to manage good-neighbor system, using **XCode/Objective C**.
- Develop mobile versions of good-neighbor client using Titanium Framework to code in **Javascript** and compile **IOS/Android** applications.
- Develop new website called Futbolsapiens using **PHP/Wordpress** and **Javascript/JQuery**.
- Maintain and develop new **Wordpress** plugins for the Futbolsapiens site.
- Help coding many internal projects using PHP, Ruby on rails, Angular.
- Working as remote developer for Montoast Inc USA helping them to build **PHP** webservices, **PHP** modules and frontend applications using **Javascript/Backbone, CSS, XML** and **JQuery**.

Sapotek de México S. de R. L. de C. V.

México City

Full Stack Developer Junior

May 2008 – October 2008

- Develop **PHP** REST webservices for the Sapotek platform.
- Develop widget applications using **ActionScript3** from **Adobe Flash** to consume the webservices and provide a good looking functionality.
- Maintain webservices and servers mounted in **Solaris**.

Education:

Instituto Tecnológico de Toluca

Bachelor's degree in Computer
Systems Engineering

Toluca City, México

August 2003 – June 2008