Hernán Torres
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Torres, Hernán

Senior Software Engineer

Summary

Experienced software developer and architect with over 10 years of expertise crafting innovative solutions across diverse industries. Specialized in the complete software development lifecycle, from design and modeling to meticulous implementation, documentation, support, and training.

Proven proficiency in AWS solutions, specifically in Event-Driven Architecture. Successfully designed, implemented, and maintained scalable cloud infrastructures for optimal performance and security.

Passionate about continuous learning, I stay updated on industry trends, particularly in cloud computing, to deliver cutting-edge solutions.

Key Skills:

Backend: PHP, NodeJS
Frontend: ReactJS, VueJS
Databases: MySQL, PL/SQL, PostgreSQL, MongoDB
Cloud Services: AWS (EC2, RDS, Lambda, EventBridge, S3, API Gateway, DynamoDB)

Work Experience

Senior Software Engineer **(2020-march – Present)**

Magnetico

Played a pivotal role in various projects throughout the software development lifecycle, from initial design to microservices architecture implementation.

- Key Contributions:
  Strategic Technology Integration:
  - ➢ Leveraged expertise in Symfony, Laravel, VueJS, ReactJS, and React-Native to develop cutting-edge solutions.
  - ➢ Collaborated in task definition, contributing to meticulous project planning and execution.
  - ➢ Coordinated seamless deployments with the end client, ensuring a smooth integration of deliverables.
  - ➢ Successfully integrated AWS services, including EC2 instances for scalable computing power, Elasticsearch for enhanced search functionality, and Amazon S3 for efficient and secure storage of large datasets. Additionally, leveraged Lambda functions to process images within specific workflows, enhancing system capabilities.

  Innovative JS Stack Implementation:
  - ➢ Crafted dynamic and responsive user interfaces using VueJS and ReactJS, enhancing the overall user experience.
  - ➢ Applied React Native for cross-platform mobile development, expanding the reach of our applications.

- **Tech stack:** Php 7.4, 8, Symfony 4.1, Laravel 5, 6, 7, Javascript, NodeJs (Express, NextJs), Typescript, ReactJs, React-Native, AWS, GitLab, Docker, Firebase, Okta.

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Backend Developer **(8 months freelance project 2022-may – 2023-feb)**

Tapi

- Key Contributions:
  Strategic Technology Selection, AWS Expertise, and Event-Driven Architecture:
  - ➢ Identified and implemented the most suitable technologies for integration processes, ensuring robust and efficient connections.
  - ➢ Leveraged a diverse tech stack, including AWS services such as API Gateway for secure entry points, Event Bridge for event-driven communication, SQS for reliable message queuing, DynamoDB for scalable NoSQL databases, EC2 for computing power, and S3 for efficient storage. Additionally, incorporated Lambda functions (Serverless), Node.js, Python, and PostgreSQL for seamless and scalable integrations.
  - ➢ Led the development of a serverless project, implementing Test-Driven Development (TDD) for robust solutions.
  - ➢ Implemented an Event-Driven architecture using AWS Event Bridge to enhance flexibility and cost-effectiveness.

  Innovative Serverless Project Development:
  - ➢ Led the development of a serverless project, implementing Test-Driven Development (TDD) for robust solutions.
  - ➢ Utilized Node.js for serverless functions, optimizing scalability and resource utilization.
  - ➢ Implemented an Event-Driven architecture using AWS Event Bridge to enhance flexibility and cost-effectiveness.

  Collaborative Project Execution:
  - ➢ Engaged in collaborative task definition, contributing to meticulous project planning and execution.
  - ➢ Ensured the smooth integration of deliverables through coordinated deployments with end clients.
- **Tech stack:** Javascript, NodeJs, Python, AWS (Lambda functions, Event Bridge, Api gateway, Sqs, DynamoDB, S3, Ec2), Github, Docker.

Tech Lead **(2020-jan – 2022-may)**

Siembro

- Responsibilities: Create and develop system applications utilizing standard concepts, practices and procedures
- Work closely with other groups like product, risk and project management resources throughout delivery of solutions
- Coordinate and implement new system installations. Perform system walk-through of technical and operational features for new or existing systems
- Implement integration test using laravel dusk in circleci to reduce risk of error in production
- Mentor and support other members of the team (both on-shore and off-shore) to assist in completing tasks and meet objectives
- **Tech stack:** Php 7.3, Laravel 6, Javascript, VueJs, ReactJs, Bitbucket, Github,, Docker, Google Auth.

Senior Fullstack Developer **(worked on differents projectects between 2016 - 2020)**

Freelance

A brief of my last experience working in a long-term contract since may-2022 to march-2023 was:

- Node.js as deployed on Lambda
- Using MySQL and NoSQL on the back end

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- Along with DynamoDB/S3/EC2/Event Bridge
- Work closely System Administrators to take ownership of your product's operations and metrics
- JavaScript framework experience in node.js
- Experience RESTful API design and development
- Web application development experience using ReactJS, VueJS
  Experience in Node.js and Java script development

Full Stack Developer

- Experience in Software Development Life Cycle SDLC including Agile and Waterfall through implementation and testing, experience working with teams distributed with scrum methodology, development of web systems using html 5, css 3, javascript (jquery, angular2), php (framework: laravel or lumen mostly for microservices), java (framework struts and spring, orm hibernate, maven for dependencies), Oracle, postgreSQL, mysql , Sybase, github, gitlab, bitbucket, svn, web services soap and rest, integration with Apis, wordpress.
- **Tech stack:** PHP, Javascript (ReactJs, VueJs), Wordpress, CSS, MySQL.Aptitudes: Docker, AWS Lambda · React.js · React Native · Node.js.

Full Stack Developer **(2016-aug –2019-dec)**

Ixpandit Fintech Group

- Responsibilities: Design, develop, architecture implementation and definition; manage the team. Ensure the good practices for development implementation.
- Built API and customer facing website.
- Build new features on different systems, integration with apis like amazon, uber, cabify, for customer classification.
- Implement integration test using laravel dusk in circleci to reduce risk of error in production
- Research and development of scraping with node js to different sites to collect information
- **Tech stack:** Php, Python, NodeJS, Docker, Laravel, Lumen, Dyango, JasperJS, Jquery, Gulp, Aws

Full Stack Developer **(2016-nov – 2017-aug)**

Metrotel

- Involved in different phases of the app development life cycle like requirement analysis,design,development,testing.
- Gather software requirements from stakeholders and translate to a viable architecture, optimizing time and costs
- Responsible for maintenance and upgrade several systems
- Responsibilities: Development of internal web systems, two people in charge.
- Development and maintenance of PHP applications that manage network equipment by telnet protocol.
- **Tech stack:** Html, Css, Javascript, Jquery, Angular2, Php,Laravel, Mysql, Apache, Svn, Linux Centos

Full Stack Developer **(2015-nov – 2016-nov)**

Sols Technologies

- In charge of development, full maintenance of the core application built on Java with struts framework and oracle, the application is about ticket's management to customers (state districts), connectivity with other systems such as SUGIT & RAFAM, two people in charge. *Development of the new application with PHP technologies:
- **Tech stack:** Gitlab, Linux, Php, Laravel, PostgreSql, Bootstrap, JS, Jquery, Html5, Css, Docker, Java, Maven

Pl/Sql - Php Developer **(2014-jan – 2015-nov)**

Treasury Department

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- Responsibilities: Build programs, triggers, stored procedures using PL/SQL, Integrate customizations with Asp Apps and maintaining of one PHP web application, Build scripts to deploy customizations into production, work closely with business decision makers and end users, assist in analysis and recommendations on which Reporting tools to use, work with functional team members to develop design documents.
- **Tech stack:** Oracle Pl/Sql, Svn, Php

Pl/Sql - Java Developer and Analyst **(2012-aug – 2014-jan)**
Incucai

- Responsibilities: Java and Pl/sql Development in the area of organ donation and transplantation, Responsible for Unit testing, responsible for Code revision with development team, administration and maintenance of the application, debugging error.
- **Tech stack:** Oracle Pl/Sql, Svn, Java, Html, Css, Jquery

Pl/Sql Developer and Analyst **(2011-nov – 2012-jul)**
Cencosud – Everis (consulting group)

- Requirement gathering and analysis; participated in interviews and meetings with end users and business users to understand the requirements; development of the design for the requirements: design and definition of new modules.
- **Tech stack:** Oracle Pl/Sql

Pl/Sql Developer **(2011-feb – 2012-nov)**
CITI

- Generate queries daily, using Oracle Warehouse Builder, Sql Developer, Toad, Unix commands, generate mappings, table modifications, permissions, views, making development since its initial layout, testing in a development environment then test, then move into production.
- **Tech stack:** Oracle Pl/Sql

Trainee Developer **(2010-sep – 2010-dec)**
Synthesis s.r.l.

- Developer Trainee (Cbasic & Java), to SO IBM 4690 which is used by different companies in retail. eg Cencosud (Arg), Interbaires (Arg), Liverpool Supermarket (MX)
- **Tech stack:** C, CBasic (IBM own language)

IT Specialist - Groupware Team **(2008-jun – 2010-jul)**
IBM Argentina

- Administration of Lotus Notes Servers, Semi Sr., Managing Lotus Domino in a Canadian company (IBM customer) who own approximately 60 servers, Health Checks on servers and validation of users, configuration of servers on different servers types (AIX, Linux, Unix, Windows), blackberry administration of users.

Education

- Computer Science at John F. Kennedy University.

Languages

- Spanish (Native speaker)
- English (Advanced level - C1)