Leo Erick Pereyra Rodriguez

Fullstack Developer & Scrum Master

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Scrum Master and Fullstack Developer with more than 10 years of experience developing BackEnd and FrontEnd solutions with frameworks such as ReactJs, NodeJS, Angular, VueJS and MSSQL, MySQL and PostgreSQL databases, leading projects through agile Scrum, Design Thinking and Kanban methodologies. My goal is to contribute to the development of IT solutions on a global scale, leading dynamic and high-performance teams, promoting research, technological development and corporate growth.

EXPERIENCE

Military School of Engineering - EMI

Professor of the Systems Engineering career — January, 2022 – December, 2022

Teacher of the following subjects: Software Development: Laravel, PHP, NodeJs, ReactJs, Research Methodology, Project Development, Agile Methodologies, Research.

National Meteorology and Hydrology Service – SENAMHI

Technical Coordinator #1 — *July, 2020 – October, 2021*

- Improved the registration and distribution of internal institutional documentation by 100%, implementing RESTful API technology within an intranet.
- Automated the production of climate prediction by 60%, developing algorithms to calculate climate indices for drought prediction.

Tech Stack: Language R, R studio, ReactJS, Angular, NodeJS, Bootstrap y MySQL.

Head of Planning Unit #2 — *January, 2016 – October, 2021*

- Coordinated a regional group of developers from Colombia, Ecuador, Peru and Bolivia, applying Scrum and agile methodologies.
- Implemented a hydrometeorological data processing and interoperability platform in Colombia, Ecuador, Peru and Bolivia, applying a multi-platform distributed model.
- Improved the publication of weather forecasts by 80%, geolocating the information on the institutional website, improving the user's visual experience.

Tech Stack: ReactJS, Angular, NodeJS ,API REST, PHP, OpenLayer, JavaScript, JQuery, VueJS, MySQL, PostgreSQL, MSSQL y Oracle.

Systems Manager #3 — *August, 2012 – December, 2015*

- Automated the operation and management of fixed assets by 60%, integrating the modules of inventories, administration and operation of institutional activities.
- Improved the management and information of human resources by 80%, in accordance with the government guidelines for the administration of human resources in the country.
- Automated the production and publication of weather forecast and alert by 30%, providing dynamic interaction features with WMS and WFS services.
- Provided maintenance to 80% of the institutional website, improving the user experience with interactive menus.
- Promoted the publication of 100% specialized geospatial information, implementing Spatial Data Infrastructures (IDE).
- Facilitated access to information to 60 remote offices, configuring Virtual Private Networks (VPN) and implementing transactional exchange of textual and multimedia data.
- Improved the IT infrastructure by 80%, installing at least 5 servers for the deployment of specific computer applications, applying operating systems and database managers.
- Made available results of WRF – MM5 meteorological models, installing and configuring a cluster of 5 servers under a Linux distribution.

Tech Stack: API REST, PHP, JavaScript, JQuery, GeoNode, GeoServer, GeoNetwork, PostgreSQL, PostGIS, MSSQL, MySQL, PostgreSQL, Windows Server 2008, Linux: Centos, Red Hat, Ubuntu,

Agencia Española de Cooperación Internacional para el Desarrollo – AECID, Proyecto MP 1717/09, Systems Engineer — *January, 2010 – May, 2011*

- Improved the production of weather forecast and alert information, publishing forecasts and alerts geolocated on the institutional website.
- Automated the download and production of high resolution GOES 12 satellite image animations, daily processing 2880 images corresponding to the Visible, Water Vapor and Infrared channels of Bolivia and South America, coming from NOAA.
- Enabled interoperability across 60 remote offices, exchanging satellite images, weather data and attached documents

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within Virtual Private Networks (VPN).

Tech Stack: PHP, API REST, JavaScript, JQuery, Laravel, VueJS, MSSQL.

SKILLS

Programming Languages: Advanced: PHP, Delphi; Intermediate: Language R, Python, C++.
Frameworks Tools: Advanced: Angular, React, VueJS, NodeJS, Laravel; Intermediate: Bootstrap, JQuery.
Data Base: Advanced: MySQL, MSSQL, PosgreSQL; Intermediate: MongoDB; Basic: Oracle.
Tools: *Git, Jira, Figma, Slack, Photoshop, Trello, FigJam, Miro.*
Agile: Scrum, Lean, Design Thinking, Kanban.
Languages: Proficient: English; Native: Spanish.

EDUCATION

Universidad Pública de El Alto — El Alto, Bolivia, Ph.D in Science and Technology, December 2023.
Universidad Pública de El Alto — El Alto, Bolivia, Master in Transdisciplinary Research, October 2022.
European Quality Business School — Madrid, Spain, Master in Sustainable Development, Renewable Energies and Corporate Social Responsibility, August 2019.
Universidad Nacional Siglo XX — Llallagua, Bolivia, Master in Preparation, Project Evaluation and Environment, October 2018.
Universidad Mayor, Real y Pontificia de San Francisco Xavier — Sucre, Bolivia, Bachelor of Systems Engineering, June 2003.

CERTIFICATIONS

Lifelong Learning — CertiProf. 2022.
Scrum Foundation Professional Certificate - SFPC™ — CertiProf. 2022.
Google IT Support Certificate — Coursera. 2020.
Python for Everybody — Coursera. 2020.