

Hiring software engineer as easy as calling a taxi.

# MIGUEL ANGEL SILVA NORIEGA

## Technology Project Manager | Software Development | Javascript, Java, PHP, Python

### SUMMARY

Accomplished software engineer with a Bachelor’s degree in information technologies and a demonstrated history of leading successful teams, driving innovation, and delivering impactful software solutions across diverse organizations. Key expertise includes sophisticated project management for systems such as GIS asset management platforms that boosted operational efficiency by 80%. A proven record in developing APIs, optimizing financial systems, and implementing IT infrastructure underpins a strong technical foundation in programming languages such as Java, Python, and JavaScript, and frameworks like Spring Boot, Laravel, and ReactJS. With over a decade of experience, the candidate has harnessed a broad array of technologies, from AWS cloud services to various database systems, and is aligned with expert practices including SCRUM, CMMI, and ITIL. Noteworthy achievements include a customized scholar system for 1300+ users and the pioneering admission tests platform for over 65,000 users, showcasing robust skills in engineering complex software architectures.

### SKILLS

<b>Main Technical Skills</b>	Java, Project Management, Scrum, PHP, React (8 yr.)
<b>Programming Languages</b>	JavaScript
<b>C++ Frameworks and Libraries</b>	C/C++/C#
<b>PHP Frameworks / Libraries / Tools</b>	CodeIgniter, Symfony
<b>Python Frameworks and Libraries</b>	Flask
<b>JavaScript Frameworks and Libraries</b>	React Native, Redux, Redux-Saga
<b>UI Frameworks, Libraries, and Browsers</b>	XML
<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server, MongoDB, PostgreSQL

<b>Android Libraries and Tools</b>	Android APIs
<b>SDK / API and Integrations</b>	Android APIs, API testing, FastApi
<b>QA, Test Automation, Security</b>	API testing
<b>Deployment, CI/CD &amp; Administration</b>	Axios, CI/CD
<b>Operating Systems</b>	Centos, Linux, Ubuntu
<b>Virtualization, Containers and Orchestration</b>	Docker
<b>Methodologies, Paradigms and Patterns</b>	ISO 9001:2015, ITIL, microservices architecture
<b>Web/App Servers, Middleware</b>	Oracle WebLogic Application Server
<b>Mail / Network Protocols / Data transfer</b>	SNMP

## WORK EXPERIENCE

### Technology Project Manager, GIS Platform for Assets Management

**Duration:** 06/2023 – 04/2024

**Summary:** GIS platform creation for assets management with operational time reduction and centralized management.

**Responsibilities:** Developed and implemented GIS platform, managed assets, integrated various sensors, and designed statistical dashboards.

**Technologies:** C++, PHP, Laravel, Javascript, ReactJS, React-Redux, React-Saga, Python, Jira, GIT, Debian, MongoDB

### Senior Software Engineer, Project Management Control System

**Duration:** 01/2023 – 06/2023

**Summary:** Development and integration of a project management control system focusing on financial aspects with automated processes.

**Responsibilities:** Created APIs, frontend, and financial dashboards, integrated with tax and banking APIs, optimized invoice process.

**Technologies:** PHP Symfony, Java, Javascript, ReactJS, Axios, Redux-Saga, Jira, GIT, SyncFyAPI, UbuntuServer, MySQL

### **Information Technologies Director, IT Infrastructure and Scholar System Implementation**

**Duration:** 11/2020 – 12/2022

**Summary:** Establishment and implementation of IT infrastructure for a university with a developed scholar system.

**Responsibilities:** Installed and configured IT infrastructure, optimized classrooms, designed and supported scholar system.

**Technologies:** PHP, CodeIgniter, ReactJS, Axios, Python, Java, Springboot, React-redux, Redux-saga, MySQL, Postgres

### **Software Development Deputy Director, Admission and Academic Systems Development**

**Duration:** 09/2015 – 10/2020

**Summary:** Development of admission system and over 10 systems relating to academic processes and performance indicators.

**Responsibilities:** Developed admission tests system, implemented various academic systems, certified in SCRUM and CMMI.

**Technologies:** CodeIgniter, Laravel, Spring, MVC5, ReactJS, GIT, Java, C#, Python, Oracle, MySQL

### **Software Development Leader & Project Coordinator, Accounting Control System**

**Duration:** 03/2012 – 09/2015

**Summary:** Developed an accounting system for control of belongings and managed property depreciation, optimizing tax declaration processes.

**Responsibilities:** Developed and managed accounting and property management systems, process optimization.

**Technologies:** Java, JSP, WebLogic, Oracle, SQL Server, C#, PHP, Laravel, Javascript

### **Software Developer, Systems for Payment and Domain Management**

**Duration:** 10/2008 – 12/2011

**Summary:** Development of various systems including automatic payment processing, domain registration, and email campaign management.

**Responsibilities:** Created systems for payment processing, domain registration, and spam prevention in email campaigns.

**Technologies:** PHP, XML, SNMP, Javascript, HTML+CSS, APIs, Paypal API, Creditcard API, CentOS

## **EDUCATION**

- **Bachelor's degree in information technologies**  
Ciudad Valles Institute of Technology, completed in 12/2007

## **CERTIFICATION**

- **SCRUM certified**  
Certified in SCRUM, implementing best practices for software development.
- **CMMI certified**  
Certified in CMMI, implementing best practices for software development.