MIGUEL ANGEL SILVA NORIEGA
Expert 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.

TECHNICAL SKILLS

Main Technical Skills	Java, Project Management, Scrum, PHP, React (8 yr.)
Programming Languages	Java, JavaScript, PHP
Android Libraries and Tools	Android APIs
C++ Libraries and Tools	C/C++/C#
PHP Frameworks	CodeIgniter, Symfony
Python Frameworks	FastAPI, Flask
JavaScript Frameworks	React (8 yr.)
JavaScript Libraries and Tools	React Native, Redux, Redux-Saga
Databases & Management Systems / ORM	Microsoft SQL Server, MongoDB, PostgreSQL
SDK / API and Integrations	Android APIs, API testing, FastAPI
QA, Test Automation, Security	API testing
Deployment, CI/CD & Administration	Axios, CI/CD

Operating Systems	Centos, Linux, Ubuntu
Virtualization, Containers and Orchestration	Docker
Methodologies, Paradigms and Patterns	ISO 9001:2015, ITIL, microservices architecture, Scrum
Web/App Servers, Middleware	Oracle WebLogic Application Server
Project Management & Administration	Project Management
Mail / Network Protocols / Data transfer	SNMP
File Systems, Storage	XML

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.