

EMMANUEL SANDOVAL

Software Engineer

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Mexico City



EXPERIENCE

Software Architect

Pakal

2024 Location

- Assess the client's needs and objectives to design appropriate cloud solutions.
- Create detailed plans for scalable, secure, and efficient cloud architectures.
- Collaborate with development teams to efficiently configure and deploy applications in the cloud.
- Design access controls, data encryption, and ensure compliance with security regulations.
- Identify opportunities to enhance efficiency and reduce cloud infrastructure costs.
- Assist clients in migrating existing applications to the cloud and modernizing their architectures.
- Develop responsive web design websites and e-commerce solutions.
- Lead startup projects.
- Firestore implementation.
- Implementation of React, useState, useEffect, useReducer, Hooks.
- I made use of componentDidMount, componentDidUpdate, etc.
- Developed using Node.js 16.

Software Engineer

HSBC

01/2021 - 03/2024 Location

- I developed, coordinated, and conducted complex testing and debugged systems.
- I built and tested automation tools for infrastructure provisioning.
- I produced clean and error-free code to meet aggressive deadlines.
- I collaborated with the necessary technical areas to achieve assigned objectives.
- I ensured the quality of the developed code.
- I managed project version control with GIT.
- Applied JavaScript knowledge.
- I executed multiple queries through the Command Line Interface (CLI).
- I developed UX, SAPIS, Papis in Mule Soft.
- I created scripts in the Unix Shell.
- I developed with Python 3.0
- I implemented the Panda's library version 1.5.2.
- I generated reports using the Pandas library.
- I created diagrams in Visio considering the best solution.
- I negotiated with the relevant departments the layout of the reports.

Enterprise Sales Manager

BBVA

01/2018 - 01/2021 Location

- I drafted software requirements and managed the software design and implementation.
- I oversaw project management.
- Managed technical resources.
- I prepared technical designs (flowcharts, sequence diagrams).
- Validated and confirmed the technical feasibility of proposed designs.
- Ensured the quality of the developed code.
- I informed decision-makers about projects through documentation of specifications, activities, and current status.
- I identified limitations, capabilities, and performance requirements of software designs through pre-development assessments.

SUMMARY

I am the Cloud Architect at Pakal Technological Solutions, a software factory that provides world-class technology services and solutions. I lead a highly skilled team specialized in technological leadership, strategy, and product delivery. Leveraging our extensive experience in digital transformation, we drive our clients' success through innovative solutions. My expertise lies in software development, with a track record of six years overcoming complex challenges in this field. My experience encompasses the development and implementation of innovative features to enhance performance and functionality.

LANGUAGES

English Intermediate ●●●●●
Spanish Native ●●●●●

SKILLS

Api Api Development AWS
Data Extraction Git Github Java
JavaScript WildFly MuleSoft
Node.js Python Express JS Sql
Vie Vue js Unix UNIX Shell
Cloud Linux Microservicios
Singleton Responsive web design
Tomcat Leadership

ACHIEVEMENTS

- HSBC**
During the year 2024, I played a key role in the successful migration of Debit to the new Power Card platform.
- BBVA**
 In 2020, I joined the Digital Onboarding team for Multinationals and focused on contract creation, digital signatures, and global API implementations. These efforts resulted in a daily user base of 1,000 SMEs and helped BBVA MX see an 80% increase in new customers compared to 2019.

EDUCATION

Computer engineer, specialized in mobile technologies for information.

Tecnológico Nacional de México (TCH)

09/2018 - 09/2017 Guerrero, México

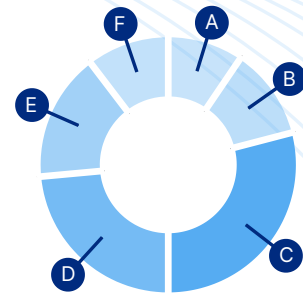
ACHIEVEMENTS



BBVA

In 2019, I made a significant contribution by driving the integration of the credit module into CIE payments, resulting in a significant 5% increase in credit availability in NetCash Mexico's wholesale division

MY TIME



- A Run
- B GYM
- C Walk
- D Program
- E Study
- F Read