

Paul Osorio Schuler

Software Architect · iSAQB® Certified · Software Engineer

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SUMMARY

iSAQB® Certified Software Architect and Software Engineer with an MBA, I bring over 12 years of experience in designing, developing, and implementing secure, robust, and scalable software solutions. My approach merges hands-on development expertise (including .NET, JavaScript/TypeScript, and SQL/NoSQL databases) with a strategic vision to define architectures, operational models, and technological roadmaps that drive efficiency and innovation. I actively collaborate and partner with business leaders and technical teams to ensure the effective application and optimal use of automation technologies and tools, ensuring that solutions meet functional and non-functional requirements and are consistently aligned with business strategy (defined by OKRs and KPIs)

SKILLS

Software Architecture · Project Management · Leadership

JavaScript · TypeScript · React/Remix/React Router · Node.js/NestJS · .NET · C#

PostgreSQL · MongoDB · MS SQL Server · OpenSearch

WORK EXPERIENCE

Automation Solution Architect

Scotiabank Peru (08/2021 - Present)

Led the architectural design of process automations using PEGA Robotics, UiPath, Power Platform, and APIs.

- Generated over CAD 2 million in the last year through process automation initiatives focused on increasing sales, generating savings and efficiencies, and reducing operational risks.
- Ensured process compliance with the bank's security standards and architectural guidelines.
- Managed project timelines and adherence, ensuring punctual delivery of implemented solutions.
- Conducted technical feasibility of requirements for automation solution implementation.
- Designed automation solutions, integrating different low-code tools and APIs.
- Performed risk identification and assessment.
- Provided technical leadership and mentorship to the development team.
- Successfully implemented process automations across diverse bank areas, focusing on generating a positive P&L impact.
- Currently evaluating the integration of Camunda as a process orchestration tool using event-driven communication via Kafka.
- Developed several PoCs using Microsoft Power Platform's AI Builder, including models for claims typology assessment, sentiment analysis, and document text extraction.

Technologies: UiPath, PEGA Robotics, MS SQL Server, Power Platform, REST APIs, Microsoft LUIS, Dialog Flow, .NET, C#.

Software Architect

Chekalo.pe (01/2023 - Present)

Led the end-to-end design and implementation of the Chekalo.pe platform.

- Architected and designed the database and overall system architecture for Chekalo.pe.
- Led the selection of the technology stack for the platform's implementation.
- Developed both front-end and back-end components for Chekalo.pe.
- Integrated the ETL process with Gemini Embeddings and Gemini Flash 2.0 for product verification.
- Implemented CI/CD pipelines by integrating GitHub Actions with Google Cloud Platform VM instances.
- Managed the deployment of Chekalo.pe.

Technologies: .NET, React/Remix/React Router V7, TypeScript, Tailwind CSS, PostgreSQL, OpenSearch, Python, Airflow, Google Cloud, Gemini.

Smart Automation Expert → Tribe Technical Leader (Remote)

Banco de Crédito BCP (08/2019-07/2021)

Served as the technological leader of the Automation Center of Excellence (CoE).

- Generated approximately USD 8M through process automation initiatives focused on revenue generation, cost savings, and cost avoidance.
- Designed automation solutions integrating Low-Code technologies, BPMS, and Microservices.
- Managed a technology budget of approximately USD 2M covering licenses, contracts, developers, infrastructure, and SaaS services.
- Owned the technology roadmap for the CoE's platforms and tools.
- Ensured the integrity, consistency, and compliance of technical standards (technology, security, and data).
- Drove the technical evolution of platforms in alignment with the Bank's architecture.
- Led exploration and Proofs of Concept (PoCs) for new technologies to enhance the CoE's toolkit.
- Managed the CoE's technological assets and risks.
- Developed and tracked OKRs and KPIs for the CoE.
- Provided technical advisory and guidance to all CoE squads.
- Defined the Governance and Operational Model for the CoE.

Technologies: Automation Anywhere, MS SQL Server, .NET, BPMS, Java Spring Boot Microservices.

RPA Tech Leader

Scotiabank Perú (10/2016-07/2019)

Led the bank-wide implementation of Robotic Process Automation (RPA).

- Implemented and deployed Scotiabank's first RPA bot at the LATAM level, generating an impact of USD 500k.
- Analyzed and implemented the RPA Governance model within the bank.
- Identified and documented processes suitable for automation.
- Managed the RPA project with a budget of PEN 2.5MM.
- Managed an RPA development team of 9 individuals under a hybrid (Agile/Waterfall) framework.
- Fostered a customer-centric culture within the team and projects.

Technologies: C#, .NET, Pega Robotics, MS SQL Server.

IT Analyst Jr. → IT Analyst Sr.

Scotiabank Peru (08/2014-09/2016)

Developed, implemented, and deployed requirements for the system supporting the credit line approval and renewal workflow for the bank's Wholesale clients. Responsibilities included implementing new functionalities, as well as system maintenance and incident management.

Technologies: C#, .NET, VB .NET, MS SQL Server, AS/400, COBOL.

Software Developer

Software Enterprise Services (04/2014 – 06/2014)

Provided maintenance for the bank's web application supporting the loan processing system.

Technologies: C#, .NET, VB .NET, MS SQL Server, AS/400, COBOL.

Software Developer

MINEDU Peru (08/2013-02/2014)

Designed, developed, and implemented the nationwide student admission system for pedagogical institutes supported by MINEDU.

Technologies: C#, MVC, .NET, SQL Server, PHP, Yii Framework, MySQL.

Software Developer

Software Enterprise Services (05/2012-07/2013)

Developed new functionalities for the bank's system supporting mortgage loans.

Technologies: C#, .NET, VB .NET, MS SQL Server, AS/400, COBOL.

Software Developer

SISPRO S.A.C. (05/2011 – 05/2012)

Performed analysis, maintenance, and development of applications for BANBIF, including the integration of RENIEC's (National Registry of Identification and Civil Status) queuing system into an application for customer identification.

Technologies: C#, .NET, MS SQL Server, WebSphere MQ.

EDUCATION

MBA

UTP- Escuela de Postgrado
(2017- 2019)

B.S in Software Engineer

UTP- Universidad Tecnológica del Perú
(2008- 2013)

PROFESSIONAL DEVELOPMENT

BPM - Business Process Management

CIBERTEC
(2013- 2013)

ORACLE, Fundamentals. Oracle, WorkShop1

UTP
(2011- 2011)

CERTIFICATIONS

**iSAQB® Certified Professional for Software
Architecture – Foundation Level**

iSAQB®- 2025

Microsoft Certified: Azure Developer Associate

Microsoft- 2025

Microsoft Certified: Azure Fundamentals

Microsoft- 2024

Remix bootcamp

Zero to Mastery Academy - 2024

Web Developer

Zero to Mastery Academy -2023

React Developer

Zero to Mastery Academy -2023

Typescript: The Complete Developer's Guide

Zero to Mastery Academy- 2023

Node.js Developer

Zero to Mastery Academy- 2023

Junior to Senior Web Developer Roadmap

Zero to Mastery Academy- 2023

M320: MongoDB Data Modeling

MongoDB University - 2021

M220JS: MongoDB for JavaScript Developers

MongoDB University - 2021

M001: MongoDB Basics

MongoDB University - 2021

Introduction to RPA Express

Automation Academy by WorkFusion- 2018

Automation Essentials

Automation Academy by WorkFusion- 2018

LANGUAGES

Spanish (Native) · English (B2)

HOBBIES

Crossfit · Mobility training · Reading · Hiking