

NIELS UCHPA SALVADOR

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Systems Engineer with 5 years of experience in the analysis, design, and implementation of IT solutions. Highly responsible professional with strong teamwork skills, effective client communication, continuous learning mindset, and a strong focus on delivering business value.

WORK EXPERIENCE

NEARSHORE PERU, (SOFTTEK)

Global leader in digital solutions, pioneer of the Nearshore model, supporting Global 2000 companies across more than 20 countries.

Backend Developer – Technology Area

2025 - Present

Responsible for developing, designing, and configuring RESTful API services, deployed within a Domain-Driven Design (DDD) architecture using technologies such as AWS Lambda, Step Functions, Serverless Framework, TypeScript, Nest.js, DynamoDB, MySQL, and Oracle.

- Optimized system architecture by migrating from a layered design to Domain-Driven Design (DDD), improving modularity, scalability, and code clarity.
- Migrated JavaScript services to TypeScript with Nest.js, enhancing robustness, maintainability, and scalability through static typing and service-oriented architecture.
- Optimized AWS Lambda migrations to Step Functions, implementing an event-driven architecture using the Serverless Framework.
- Participated in the REL Salud project, modernizing guarantee letter and audit management by decommissioning legacy modules and migrating functionalities to web portals, improving scalability and performance through microservices architecture.
- Worked on Core Modernization, migrating on-premise systems to OCI, modernizing Lambda functions, and updating database connections to improve scalability, performance, and system efficiency.

CORPORACIÓN EDUCATIVA PAMER, (PAMER)

Educational institution focused on quality education, comprehensive training, and value-based learning.

Backend Developer – Digital Business Area

2023

Responsible for developing, designing, and configuring RESTful API services within a microservices architecture using AWS technologies such as Lambda, TypeScript, Nest.js, PostgreSQL, and MySQL.

- Developed a web platform for school and academy enrollments, streamlining registration processes and improving efficiency in student management.
- Built a web-based question bank platform to store, organize, and reuse questions efficiently for educational assessments.
- Developed the Pamer administrative web platform to manage and monitor multiple online systems efficiently.
- Communicated and coordinated project progress with technical leaders.

COMPAÑÍA INCUBADORA DE SOLUCIONES MÓVILES, (CULQI)

Peruvian fintech company, part of Credicorp Group, focused on transforming digital payments.

QA Automation Engineer – Technology Area

2022

Responsible for end-to-end automation testing, ensuring high-quality standards across products using tools such as Cypress, Cucumber, Postman, MongoDB, and MySQL.

- Converted test plans and test cases into automated tests executable manually or automatically.
- Implemented end-to-end tests covering multiple systems from both user and system perspectives.
- Coordinated testing activities and communication with QA Leads and technical teams.

HUB DE ESPECIALISTAS DIGITALES, (GROWBY)

Latin American digital specialists hub delivering technology, design, and innovation projects.

Backend Developer – Software Production Area

2021

Responsible for developing RESTful API services within a microservices architecture using Docker containers and technologies such as Node.js, Express, and MongoDB.

- Implemented a document management system that reduced time, resources, and operational costs.
- Managed the development of functionalities to simplify and automate software development processes.

EDUCATION

CODIGO BY TECSUP

- Desarrollo web full stack, 2021-2021

UNIVERSIDAD INCA GARCILASO DE LA VEGA

- Systems Engineering (2010 – 2015)

CURSOS

- Frontend Development: HTML5, CSS3, Bootstrap, JavaScript, React.js – 2021
- Backend Development: Node.js, Express.js, Nest.js – 2021
- Databases: PostgreSQL, MySQL, MongoDB, SQL Server – 2021
- Deployment: Amazon AWS, GitHub – 2021
- Visual Basic for Applications (VBA) – 2016
- IT Project Management – 2015
- Network and Communications Management – 2015
- Software Engineering – 2015

OTHER INFORMATION

- Hobbies: Computer repair and maintenance, futsal.