

## Full Stack Engineer

+51 933 166 559 - [leonmatias1991@gmail.com](mailto:leonmatias1991@gmail.com)

Senior Programmer with more than 10 years of experience in JavaScript and Java (Spring) also with more than 6 years of experience in Angular, I have developed a deep knowledge of these technologies. experience in Angular, I have developed a deep knowledge of these technologies. In addition, I am specialized in microservices and have worked with AWS and Azure cloud platforms. I have extensive experience on the Backend and frontend side, I have participated in several web and mobile application projects, using technologies such as Nodejs, React and Ionic. With my expertise in microservices and cloud platforms, I can deliver scalable, reliable and secure scalable, reliable and secure applications that meet client requirements.

### Proficient in:

Platforms					
MacOS	Windows	Linux			
Languages, Frameworks and Libraries					
Java 8, 11, 17	Javascript	Typescript	CSS	Jest	PWA
Spring Boot	Angular 4+	NestJS	Angular Material	Karma	Apollo
Spring cloud	ReactJS	RxJS	Bootstrap	Jasmine	Hooks
Spring batch	NodeJS	yarn / npm	Tailwind	Gradle	Redux
Spring Data, etc	JWT	Vuejs	Sass	Maven	
Technologies					
Git	AWS	Azure	SOAP	Rest	GraphQL
GitHub	Docker	redis	jenkins		
Gitlab	Kubernetes	Jenkins	Kibana		
Bitbucket	Kafka	New Relic	Dynatrace		
Data Base					
SQL Server	MySQL	Postgres	Oracle	MongoDB	CosmosDB

### LANGUAGES:

**Spanish:** Native

**English:** B2

## WORK EXPERIENCE

<a href="#">OUTCODING</a>	UNITED STATES OF AMERICA
<b>Senior Full Stack Developer</b>	<b>(03/2023 – To present)</b>
This project was developed at <a href="#">Sambasafety</a> .	
<b>Project:</b> Qorta - Driver manager	
Project to manage vehicle insurance, manage metrics, vehicle and driver risk indicators.	
<ul style="list-style-type: none"><li>• The project was done using basically Angular in the frontend and Java in the backend.</li><li>• creation and migration of components to micro frontends.</li><li>• For the styles we used tailwind as a library for styles.</li><li>• Unit test for these new components using Jest as a library for testing.</li><li>• Integrate new functionalities in the web application and its unit test.</li><li>• Integrate with REST apis for these new functionalities.</li><li>• Creation of new Microservices using Java 17 and spring boot as a framework</li><li>• Migrated RabbitMQ Listeners to Spring streams in old microservices.</li><li>• Unit tests were made for the microservices using JUnit and Mockito.</li><li>• For the microservices we used a hexagonal architecture.</li><li>• All components, including the frontend, had their unit tests, because it was necessary to fulfill the minimum coverage of 95% for the CI/CD flow.</li></ul>	
<b>Technologies:</b> Javascript, Typescript, CSS, Sass,Tailwind, Html, Java 17, Spring boot, angular 15, jest, spring cloud, spring data, Postgres, JWT, Aws(EKS, SES, SNS, S3, workspace), Git, bitbucket.	

<a href="#">GLOBANT</a>	PARAGUAY
<b>Senior Full Stack Developer</b>	<b>(10/2022 – 03/2023)</b>
This project was developed at <a href="#">Banco GNB Paraguay</a>	
<b>Project: Personal and corporate banking</b>	
Banking system for individuals and companies, which allows you to manage accounts, make payments for services and all the services of a bank, in this project I have made migration of microservices, and implementation of new features.	
<ul style="list-style-type: none"><li>• Develop and maintain microservices using Java 11 and spring boot, ensuring that they meet scalability, security, and performance requirements.</li><li>• Create unit tests with Junit and Mockito to cover as many cases as possible, including controlled exceptions.</li><li>• Creation of new components in angular 12, to adapt the new functionalities in the internet banking of the individual customer and enterprise customer.</li><li>• For the styles we were working just with css3</li><li>• For unit testing of new components in Angular we used Jest</li><li>• Create business logic in conjunction with the database using JPA, Hibernate.</li><li>• Integration with other rest services using Feign.</li><li>• All components, including the frontend, had their unit tests, because it was necessary to meet the minimum coverage of 85% for the CI/CD flow.</li></ul>	
<b>Technologies:</b> Javascript, CSS, Html, Java 11, Java 8, Spring boot, angular 12, jest, spring cloud, spring data, SQL server, JWT, Aws(EKS), Git, Gitlab.	

<a href="#">THE BRIDGE SOCIAL</a>	JAMAICA
<b>Full Stack Engineer</b>	<b>(01/2021 – 10/2022)</b>

The project was developed for the [National Commercial Bank](#)

**Project: Lynk**

Banking system and banking application to manage all services, for this project we made integrations with internal and external systems.

- Creation of microservices (about 50 micro-services were created) using Java 11 and Spring boot
- Microservice integration using Feign and restTemplate
- Microservices with integration to third-party services, such as Twilio.
- Event-driven architecture using Apache kafka
- Hexagonal architecture due to the number of information sources.
- Use of software patterns, such as builder, singleton, etc.
- Postgres relational database.
- Serverless Microservice Creation using azure Functions and NodeJS with NestJS.
- Project built on Azure services, such as AKS, App Insights, Event Hubs, Azure SQL.
- Mockito and Junit in the backend were used for unit testing.
- To monitor code quality metrics and tests we use SonarCloud.
- The project is fully managed with Azure Devops.
- The frontend was developed in ReactJS and the styles were made using tailwind as a base.
- The unit tests were done with Jest and also using SonarCloud.
- The repository is also managed with Azure using Azure Repo.

**Technologies:** Java 11, Spring boot, spring cloud, spring data, Nodejs, kafka, React, Tailwind, Jest, postgres, JWT, Azure, Git, GitHub.

**[KRUGER CORP](#)**

**Perú**

**Full Stack Developer Senior**

**(07/2020 – 12/2020)**

Project developed at [Banco de Credito](#)

**Project: [Tio Grou](#)**

PWA project to manage small businesses, with point-of-sale functionalities, including reports, metrics and even forecasts.

- Database design and normalization in SQL Server.
- Microservice development with java 11 and spring boot.
- Communication between microservices is through rest using feign and retrofit.
- The microservices is integrated with Redis, Twilio, whatsapp Business
- The frontend is developed with Angular 10, and Bootstrap and Angular Material are used as style libraries.
- Unit tests in the backend are done with Mockito and JUnit and in the frontend with Karma and Jasmine.
- Microservices and frontend are deployed using Azure's AKS, using Jenkins.
- Coverage and code quality evaluation with SonarQube.
- For the versioning we used Git with Gitlab.
- Project Management with Jira and scrum

**Technologies:** Java 8, 11, Spring boot, Spring webflux, Spring data, Spring security, Angular 8, 10, Angular material, Bootstrap, Mockito, Junit, Karma and jasmine.

**[INDRA COMPANY](#)**

**Perú**

**Full Stack Developer Senior**

**(04/2020 – 08/2020)**

Project developed at [RIMAC](#).

**Project: [Electronic Policy](#)**

Project to provide new types of policies or new insurance products.

- The frontend was developed in React version 16.
- Create reusable and efficient components that integrate with the design provided.
- Use responsive and accessible development practices to ensure a consistent user experience.
- Implement routing using React Router to ensure smooth navigation within the application.
- Implement state management using tools such as Redux or React context as needed.
- Implement routing using React Router to ensure smooth navigation within the application.
- Integrate the frontend application with the backend through RESTful API calls.
- Effectively handle server responses and errors.
- Write unit tests for components and functions using tools such as Jest and React Testing Library.
- Collaborate on implementation strategies and ensure proper execution in production environments.
- Design and develop RESTful APIs using Node.js and Express, all on AWS serverless.
- Microservices are connected to the database in MongoDB.
- Write unit and integration tests to ensure the quality of backend code with Jest.
- Update of Java services to be able to integrate with AWS services such as S3, SES and SNS
- Deployment of projects with Serverless and lambdas.
- Code versioning was managed in GitHub
- The project and task management was done in Trello.

**Technologies:** Javascript, ReactJS, Redux, Hooks, NodeJS, Serverless, Java 7, Java 8, AWS, Mockito, Junit, Jest, SonarQube, Git, GitHub.

## **MICHAEL PAGE INTERNATIONAL**

**Perú**

**Full Stack Developer**

**(12/2019 – 04/2020)**

Project developed at **INTERCORP RETAIL**

**Project: Incident Tracking**

Project that allows the mapping of customer complaints of the different companies included in the business group, allowing the storage of evidence, sending notifications to all those involved. It is integrated with the systems of the different companies, and each company uses different technologies.

- Design the project architecture.
- Normalization of the database in Postgres.
- Microservices development in Java 8 with Spring Boot.
- Development of microservices in NodeJs with NestJs.
- Microservices integration with Google Storage to upload files.
- Microservices integration with AWS SES to send emails to customers and managers.
- Authentication Microservice development with JWT and Spring security.
- Development of unit tests with Mockito and JUnit.
- Architecture design to establish the overall structure of the Angular application.
- Collaborate with UX/UI designers to understand and translate design requirements into Angular components and functionality.
- Frontend development in Angular 8 with Angular Material and Bootstrap.
- Unit test development with Karma and Jasmine.
- Deploying projects in Google Cloud Platform containers.
- Evaluate coverage and testing with SonarQube.
- For versioning we used Git with Azure Repo.
- Project Management with Azure Devops and Scrum.

**Technologies:** JavaScript, Angular 8, Angular material, Bootstrap, NodeJS, NestJS, Java 8, AWS, Azure, GCP, Mockito, Junit, Karma, SonarQube, Git, GitLab.

<b>ZOLUXIONES</b>	<b>Perú</b>
<b>Full Stack Developer</b>	<b>(09/2019 – 12/2019)</b>
Project developed at <a href="#">SURA PERU</a>	
<b>Project:</b> Digital Contract	
Android mobile app and web platform to replace paper with digital contracts for investment brokers.	
<ul style="list-style-type: none"> <li>• MySQL database normalization in AWS RDS.</li> <li>• Microservices development in Java 8 with Spring Boot.</li> <li>• Integration of microservices with AWS services such as (SES, SNS, SQS).</li> <li>• Development of serverless microservices using Nodejs and expressJs and running on AWS Lambdas.</li> <li>• Development of exportable reports in JasperReport.</li> <li>• Authentication using Azure active directory.</li> <li>• Unit tests in the backend with Mockito and JUnit.</li> <li>• Mobile application developed with Ionic and Angular.</li> <li>• Apply good security practices to protect the application from potential risks.</li> <li>• Deployment of microservices with Jenkins in AWS ECS.</li> <li>• Code quality and coverage analysis with SonarQube.</li> <li>• Project repository in gitlab.</li> <li>• Project task management with Jira.</li> </ul>	
<b>Technologies:</b> JavaScript, Angular 8, Angular material, Bootstrap, IONIC, Azure, AWS, Java 8, NodeJs, ExpressJs, AWS, Jenkins, Mockito, Junit, Karma, SonarQube, Git, GitLab.	

<b>MANPOWER PROFESSIONAL SERVICES-EXPERIS</b>	<b>Perú</b>
<b>Senior Java Developer</b>	<b>(07/2018 – 09/2019)</b>
Project developed at <a href="#">EQUIFAX</a>	
<b>Project:</b> Digital Transformation (KATRINA)	
Migration of microservices for decision making and creation of new microservices adapted to the needs of each client of the company, such as banks, financial companies, etc.	
<ul style="list-style-type: none"> <li>• Microservices developed with Java 8 and Spring Boot and Spring Cloud.</li> <li>• The communication between each microservice is done with ResTemplate or RabbitMQ.</li> <li>• Microservices are developed according to the needs of each client.</li> <li>• Microservices exposing Rest and Soap.</li> <li>• Report design with JasperReport.</li> <li>• Unit tests developed with Mockito and JUnit.</li> <li>• Code quality and unit test analysis with SonarQube.</li> <li>• Frontend project development with Angular in its Version 6.</li> <li>• Front-end unit tests developed with Karma and Jasmine.</li> <li>• Continuous deployment using GoCD.</li> <li>• SVN repository management.</li> <li>• Project documentation in Confluence.</li> <li>• Project and task management with Jira.</li> </ul>	
<b>Technologies:</b> JavaScript, Angular 6, Bootstrap, Docker, Java 8, Mockito, Junit, Karma, SonarQube, SVN.	

<b>OLVA COURIER</b>	<b>Perú</b>
<b>Java Developer</b>	<b>(08/2017 – 05/2018)</b>
Project developed at <a href="#">Olva Courier</a>	
<b>Project:</b> ERP Olva Corp	

Development of new modules for the company's ERP, migration of functionalities from other old systems to this new ERP.

- Development of modules in Java 8 and PrimeFaces.
- Development of Soap and Rest microservices to integrate with other systems.
- Development of reports with Jasper Report.
- Development of unit tests with Mockito and JUnit.
- Deployment of the project in GlassFish.
- Development of a Mobile App with Kotlin.
- For versioning we used GitLab.
- Project management with Trello.

**Technologies:** JavaScript, Java 8, PrimeFaces, JasperReport, Mockito, Junit, GlassFish, Kotlin, GitLab, Trello.

<a href="#">LIMAW</a>	Perú
<b>Java Developer</b>	<b>(01/2014 – 02/2015)</b>
Project developed at <a href="#">LimaW</a>	
<b>Project:</b> Zircon Biometric	
Project to manage attendance records obtained from biometric markers, and development of rest services adapted to the needs of each client's systems if required.	
<ul style="list-style-type: none"> <li>• Development of modules in Java 7, 8 and JSP.</li> <li>• Development of Soap and Rest Services to integrate with other systems of the customers.</li> <li>• Reporting with Jasper Report and this report was for each Client.</li> <li>• Development of unit tests with Mockito and JUnit.</li> <li>• The projects could be deployed on customer servers if requested, or a rented server could be installed on the company's server with JBoss.</li> <li>• For versioning we used SVN.</li> <li>• Project management with Kanban.</li> <li>• Customer database configuration.</li> <li>• Support for customer incidents.</li> </ul>	
<b>Technologies:</b> JavaScript, Java 7,8, JSP, JasperReport, Mockito, Junit, JBOSS, MySQL, SVN.	

## EDUCATION

07/2012 – 07/2018	System Engineer Bachelor's degree	National University of Callao
2019 – 2019	Angular - Graduate	CIBERTEC
2019 – 2019	Java Advance- Graduate	CIBERTEC
2020 – 2020	AWS Solution Architect	BSG Institute