Ing. Leandro Emiliano Garayoa

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🌐 https://vasquito.github.io/LGisITTechie/

Academic Training

Degree: **Informatics Engineer**
Universidad Católica Argentina
Period: 1996 – 2002

Degree: **Mercantile Bachelor**
Instituto San Rafael
Period: 1991 – 1995

EXPERIENCE & KNOWLEDGE

Context
- In addition to being open to responsibilities, I am creative, proactive, autonomous and responsible in a role of analysis, design, implementation, testing, monitoring, and documentation.
- Well defined goals and a professional environment with an emphasis on practical results are appreciated.
- I aspire to work with vision and passion in a team and meet the needs of the company.

Skills
- Passion for information technology.
- Troubleshooting and stability in systems.
- Responsibility, seriousness, effort, quality and productivity.
- Experience in object-oriented programming and solid training in mathematics and statistics

Functional Specialization
- Software Industry:
  - Architecture, Technical Design, Unit Testing, Planning and Monitoring
  - Development
    - Backend (Java-Python)
    - FrontEnd (Jquery-React)
    - ETLs (Java-Python)
  - Data / IA
    - Big Data / Data Analyst / Data Science / Business Intelligence
- Others: DevOp, Functional Analysis, Agile Methodology

Interest

I'm very interested in and continue to update:
- DATA / IA:
  - Big Data / Data Analytics / Data Science / Data Engineer / Business Intelligence / Artificial Intelligence / Machine Learning
- Software Industry
  - Python / Java / Cloud Architecture / Microservicios / Front End con React / HTML / CSS

Technical Skills

To see details about my technical specifications, see the last page, or the "Mis Habilidades" section at https://vasquito.github.io/LGisITTechie/

Training and Internships

To see details about my academic training and courses, se the "Formación Académica/Mis Capacitaciones" en https://vasquito.github.io/LGisITTechie/

T osee details about my personal achievements, see the "Mis Logros Personales" section at https://vasquito.github.io/LGisITTechie/
- **Data Analytics and Data Science**: I developed a real-time dashboard usin Power Bi and also contributed my final Project for the Big Data course using Google Looker Studio and Colab (as Jupyter Notebook)
- **Front End with React**: Fort he React course, I developed a final Project as small e-commerce application "Lean Comics" using React, Bootstrap and MockApi. I Attached mi example: https://tp-react-leandro-garayoa.vercel.app/

Work Experiences

For more details → See the "FORMACION PROFESIONAL" section at
https://vasquito.github.io/LGisITTechie/ which Will contain more details about the techniques and tolos used.

I am going to detail my last 3 work experiences.

- **Globant - February: 2021 – June: 2025**
  Position: Java Developer Architect

At **GLOBANT**, I was a Software Engineer as a Java Developer Architect in the DATA/AI area. I worked with Java, Python, and Data Science. I provided technical support for any questions, reviewed technical issues, maintained microservices, ETLs, and databases, etc.
My responsibilities included:
> Microservices and ETL development | Cloud architecture | Proof of concepts | Reviews (PR) | Technical debt | Migrations from Java 8 to Java 11 and 17 | Data Engineer/Data Analytics/Data Scientist (DERs, Lakehouse/Lakedata, MySQL/PosterSQL/Microsoft Fabric, ETLs, log analysis using data analytics/big data techniques to extract statistics with notebook, pandas, matplotlib, Power BI, OpenAI) | Configurations/DevOps (CD-CI, Docker, Dockerfile, AWS, EC2, ECS, Lambda, vulnerability analysis) | Participate in the development of Data Analyst/Scientist with Microservices/ETLs with Python and OpenAI

- **ANSES – March: 2019 – February: 2021**
  Position: Solutions Architect

At **ANSES**, I was a Solutions Architect with guidelines in Java/.Net.
- I provided technical support for technical questions and developed BFF archetypes and microservices (Backend for Frontend, email services, integrations with Remedy) using .Net and Java.
- I also developed several DLL libraries with utilities for logs, MSMQ, and Elasticsearch. I collaborated with the team researching Openshift and developing archetypes as microservices for later deployment in Openshift containers.
- I defined and documented various best practices.
- I also collaborated with the team to develop Azure pipelines as part of CD/CI.
- I also had Data Science/Analyst duties because:
  - o I developed a major ETL listener to process millions of MSMQ messages and save them to the MSSQL database to avoid bottlenecks that often caused database outages and disrupted the systems that used them. Next, I developed real-time monitoring with alerts using Elasticsearch and Kibana.
  - o Implement a batch ETL to audit log files generated by an important system and save them to Elasticsearch

- **Accenture SA – January: 2004 – March: 2019**
  Position: Application Developer Specialist

At **ACCENTURE**, they trusted my will and technical ability, which allowed me to participate in many projects (10 in total). Initially, I spent a significant amount of time developing different applications from scratch for Telefónica Argentina. Afterward, I was assigned to a project in Spain, and I traveled to Rosario to provide technical transfer and training to the people in Rosario.
At the end of the previous period, I participated in projects at Banco Galicia and Telecom, which were my best projects, as they trusted my abilities and gave me the freedom to make decisions regarding the multi-layered architecture, achieving easy maintenance of evolutionary processes.
I worked extensively on integrations with other systems such as REST, web services, and messaging. I also worked on many Batch-type ETL processes. Finally, the ICBC and ISBAN projects were a great change, as I delved deeper into the frontend and REST microservices. In addition to developing different stories, I resolved various architectural issues, improving software performance and quality.

Skills / Industry Specialization

- JAVA 8, 11, 17 / PYTHON / .NET
- BACK END:

JAVA	PYTHON	.NET
- Spring: Springboot, Data, MVC, Batch, Security, Integration, WebFlow, Rest, LDAP, AMPQ, Data Redis, Cache, AOP - Lambda, J2EE: EJB, JMS, JDBC, WS, AWT, Swing, Ant - MVC: Spring MVC - EJB - Struts 1.0 - Model: JPA, Hibernate, OpenJpa - Others: Maven, Castor, IText, JasperReports, JMesa, DisplayTag, JFreeChart, Apache Ant, Captcha, jaspyt, PDFBox, QR, Barcode an much more. - **Web Services:** Spring-Integration, REST, SOAP, Axis, Apache CXF - **Event-Driven / AMPQ / Messages Queue**: MQ Series, Tibco, Spring-Integration – Kinesis – RabbitMQ - **Unit Test y BDD**: Junit, Mock, Coverage, JaCoCo - **Cache**: Redis, Elasticache, MongoDB, Spring-Cache, In-Memory - **Authentication**: Spring Security / JWT / Basic Auth - **Rules**: Drools, EasyRules - **AI**: LangChain4j, Spring AI	- Pycharm, VsCode, jupyter Notebook, Anaconda, Google Colab - **Microservices**: FastApi, Flask, Danjo - **Otros**: Lambda, Request, SQLAlchemy - **Data Analyst, Data Science, Machine Learning**: Numpy, Pandas, Spark, Scikit-learn, matplotlib, Plotly/Seaborn - **API Definitions**: Swagger, Markdown (in GitLab/GitHub) - **Web Services**: Request/Rest - **Cache**: In-Memory - **AI**: openai, pgvector	- Frameworks Net (Core / Standard / Framework) - **Web Services:** Rest / SOAP - **Messages Queue**: MSMQ - **Unit Test y BDD**: NUnit - **Cache**: In-Memory

- **Cloud**: Kubernetes, Docker, AWS (Elasticache, S3, Kinesis, DocumentDB, EC2, ECS) – GCP – Azure Devops/Board
- **Model AI**: Gemini / Open AI
- **Database**:
  - **SQL**: Amazon RDS, Microsoft Fabric, MySql, Postersql, MSSQL, Oracle, Access, HSQL (java)
  - **NoSQL**: MongoDB, DocumentDB, Elasticsearch, Microsoft Fabric
- **FRONT END**:
  - React
  - JavaScript, Ajax, CSS, DHTML, JQuery, Boostrap, DataTable, JSON, JQueryMobile
- **Encription Mechanisms** en Java / Python / .Net
- **Performance Analysis**: JMeter – JConsole – Soapui – ARC Rest
- **Quality Analysis**: Sonar
- **BI:** ELK (ElasticSearch-Logstash-Kibana) / Dashboards: PowerBi-Looker Studio / Apache NiFi /Javascript D3
- **DevOp**: Jenkins / Azure / TFS / Trello / Openshift / Docker/ Kubernetes / Minikube / Istio / Jagger / Grafana / Service Mesh / AWS ECS, EC2, CI/CD (GitHub Actions)
- **GIT**: GitLab, GitHub, Azure, TFS, Git Flow
- **API Definitions**: Swagger / Markdown (for GitLab/GitHub)
- **Multihilos** en Java / .Net
- **Architectural Patterns**: MVC, SOA, Microservices, Event-Driven, CQRS, Event Sourcing
- **BPMN**: Workflows, Camunda, State Machine Customs
- Draw IO, UML, DFD, Enterprise Archictect, Visual Paradigm, UX