

Renato Agustin Lagos Alborno

Moncton NB Canada · [Renato Lagos | LinkedIn](#) · +1 (506) 9532445 · Renato.lagos.a@gmail.com

Full-Stack Developer with experience in banking, automation, and monitoring. Led the development of a Proactive Monitoring system at Itaú, integrating React and Node.js with RESTful APIs and PostgreSQL. Optimized RPA processes, contributed to AWS cloud migration, and documented APIs using Swagger. Passionate about efficiency, modern technologies, and continuous improvement.

PROFESSIONAL EXPERIENCE

Bank Itaú

Software Engineer

Santiago, Chile

August 2024–April 2025

- **Frontend Development:** Designed and built responsive web interfaces using TypeScript, HTMX, TailwindCSS, React, and Next.js for the bank's Proactive Monitoring system, focusing on intuitive UX and modern design principles.
- **Web Application & API Integration:** Developed a comprehensive frontend connected to RESTful APIs, enabling interactive dashboards that display real-time alerts and monitoring data for RPA processes.
- **Backend & API Development:** Implemented RESTful APIs using Node.js and Express, handling authentication, logging, and data retrieval for automation events; followed best practices for HTTP methods, status codes, and versioning.
- **Documentation & Maintenance:** Wrote clear API documentation using Swagger (OpenAPI), ensuring easy integration and onboarding for new developers and teams.
- **RPA Monitoring System:** Led the development of the Proactive Monitoring platform, where each automation registers a customized log in a PostgreSQL database for traceability and performance analytics.
- **Process Optimization & Automation:** Configured RPA bots to send structured data to backend endpoints, optimizing performance and monitoring using SQL Management, Tableau, VB, and Python scripts.
- **Cloud Migration:** Participated in architecture planning during the migration from on-premise servers to AWS, focusing on secure API gateways and minimizing downtime for end-users.

KPAZ

Software Developer

Santiago, Chile

March 2023–July 2024

- **Interface Development:** Designed and implemented client-facing applications using TypeScript, HTMX, TailwindCSS, React, and Next.js, creating intuitive interfaces that allowed users to input data and view management dashboards and automation results.
- **Automation Scripting:** Developed custom Python, PowerShell, C#, and Visual Basic scripts to automate repetitive operational tasks, significantly reducing manual intervention and improving process reliability.
- **RPA Monitoring:** Ensured optimal performance of RPA robots in production, troubleshooting technical issues, prioritizing business requirements, and documenting incidents.
- **RPA Migration Project:** Led the migration of the Blue Prism RPA ecosystem from version 6.5 to 6.10, including virtual machines and robots upgrade.

EY Chile

RPA Developer Staff

Santiago, Chile*February 2022–March 2023*

- Built responsive email templates and frontend interfaces to support RPA processes.
- Supported RPA system migration, ensuring smooth transitions and process continuity.
- Developed and maintained Blue Prism robots integrated with Office apps, SQL, VB, and C#.

ADDITIONAL SKILLS

- PowerShell scripting for automation
- Visual Basic for desktop automation and legacy systems
- Docker for containerization
- Git for version control and collaboration
- Linux Terminal for scripting and server management
- Firebase for CI/CD pipelines and deployment workflows
- Spanish: Native speaker
- English: Intermediate (able to hold conversations fluently)