

RENATO AGUSTÍN LAGOS ALBORNOZ

Full-stack Software Engineer

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PROFILE

Full-stack Software Engineer specialized in automation, AI workflows, backend services and workflow orchestration. Strong experience with React, Next.js, Node.js, Django and FastAPI. Creator of FerRealSpanish, a language-learning platform built with Astro and TypeScript. Experienced automating workflows using n8n, Power Automate and advanced AI tools such as Cursor, Windsurf, Antigravity, Claude Code and Gemini CLI. Passionate about scalability, clean architecture, automation and developer productivity.

PROFESSIONAL EXPERIENCE

Software Engineer

08/2024 – 04/2025

ITAU Bank

Santiago, Chile

- Built modern monitoring interfaces using React, Next.js and TailwindCSS.
- Developed backend microservices using Node.js, FastAPI and Django REST.
- Created real-time dashboards with internal REST APIs (Express + JWT).
- Implemented automated testing (Jest, Playwright).
- Designed PostgreSQL pipelines for automation and monitoring analytics.
- Supported AWS migration (API Gateway, Docker, Load Balancer).
- Documented all APIs using Swagger/OpenAPI.

Software Developer

03/2023 – 07/2024

KPAZ

Santiago, Chile

- Developed automation dashboards using React, Next.js and TailwindCSS.
- Implemented backend logic using Node.js/Express and FastAPI.
- Automated internal workflows using Python, PowerShell and C# integrated with Blue Prism.
- Maintained and refactored legacy systems.
- Built unit and integration tests for system stability.

RPA Developer

02/2022 – 03/2023

EY Chile

Santiago, Chile

- Developed RPA bots with Blue Prism, SQL Server, C#, VB and Office tools.
- Built internal web tools with HTML/CSS/JS.
- Automated PowerShell and VB scripts for communication and backups.
- Supported SQL integrations and query optimization.

RPA Developer

2021 – 2022

OVO Consulting

Santiago, Chile

- Built workflow automations using Blue Prism, VBA and PowerShell.
- Contributed to end-to-end automation pipelines for enterprise clients.

Automation Engineer	2025 – Present
Freelance Automation Developer	Remote
<ul style="list-style-type: none">• Built SAP procurement automations using Power Automate Desktop + Cloud.• Created stable Excel/VBA data workflows and automated reporting systems.• Led go-live, documentation and stabilization for stakeholder teams.	

PROJECTS

FerRealSpanish	2025 – Present
Developed the official platform using Astro, TypeScript and TailwindCSS (Vercel). Created automation pipelines for content generation (LLMs, subtitles, scheduling). Built workflow automations with n8n (APIs, webhooks, LLM orchestration). Implemented booking systems, email funnels and productivity tools.	
Portfolio Website	2025
Portfolio built using Astro, TypeScript, React and TailwindCSS. Modern UI/UX + Lighthouse-optimized, CI/CD deployed via Vercel.	

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Python, C#, VB, PowerShell, VBA
Frontend:	React, Next.js, Astro, TailwindCSS, Responsive UI
Backend:	Node.js, Express, Django, FastAPI, REST APIs, JWT, Swagger/OpenAPI
Automation & RPA:	Blue Prism, Power Automate, scripting (Python, PowerShell, VBA)
Workflow Orchestration:	n8n (LLM pipelines, APIs, automation systems)
AI Tools:	Cursor, Windsurf, Antigravity, Claude Code, Gemini CLI
Databases:	PostgreSQL, SQL Server, MySQL
Cloud & DevOps:	AWS (Gateway, Docker, Load Balancer), Docker, GitHub Actions, Linux

LANGUAGES

Spanish — Native • English — B2 • German — A1 (currently learning)