RENATO AGUSTÍN LAGOS ALBORNOZ

Full Stack Engineer (TypeScript/React, Python/Django)

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BERUFSERFAHRUNG

Software Engineer (Full Stack)
08/2024 – 04/2025

ITAÚ Bank
Santiago, Chile

- Built 4 real-time monitoring dashboards (React, Next.js, TypeScript, TailwindCSS) serving 120+ operations users, reducing incident response time by 35% through centralized KPI visibility.
- Developed 5 backend microservices (Django REST Framework, FastAPI, Node.js/Express) handling 2M+ daily requests, implementing JWT authentication and rate limiting for cross-team integrations.
- Migrated 3 monolithic services to containerized architecture (Docker, AWS API Gateway, ALB), reducing deployment time from 2 hours to 15 minutes.

Full Stack Developer
03/2023 – 07/2024

KPAZ
Santiago, Chile

- Built 3 internal dashboards (React, Next.js, TypeScript, TailwindCSS) consolidating data from 8+ REST services, reducing manual reporting time by 60% for 30-person operations team.
- Implemented webhook-based integration layer (FastAPI, Node.js/Express) connecting 5 internal systems, processing 500K+ events/month with 99.8% uptime.
- Established testing framework (pytest, Jest) achieving 75% code coverage, reducing production bugs by 40% over 6 months.

Software Developer
02/2022 – 03/2023

EY Chile
Santiago, Chile

- Developed automation solutions (C#, SQL Server) and internal web tools (HTML/CSS/JavaScript) for back-office operations at Big 4 consulting firm.

PROJEKTE

FerRealSpanish – Language Learning Platform
2025 – Present

Full-stack Spanish learning platform (Astro, React, TypeScript, Supabase/PostgreSQL) serving 500+ waitlist users. Implemented row-level security (RLS) for multi-tenant student data, typed REST APIs for cohort management, and automated email campaigns (Resend, Apache Airflow DAGs). Deployed via Vercel with GitHub Actions CI/CD.

Content Automation Stack – Social Media Operations
2025 – Present

Content automation platform (Python, FastAPI, Apache Airflow) orchestrating 200+ social media posts/month across 4 platforms (YouTube, Instagram, TikTok, Facebook). Webhook-triggered DAG workflows automate AI-powered content generation (carousel layouts, subtitles, infographics using pandas), implementing retry logic and idempotent operations for 99%+ delivery success.

TECHNISCHE FÄHIGKEITEN

Programmiersprachen: TypeScript, JavaScript, Python, C#, PowerShell

Frontend: React, Next.js, Astro, TailwindCSS

Backend: Python (Django, Django REST Framework, FastAPI), Node.js/Express

Datenbanken: PostgreSQL, MySQL, SQL Server, Supabase

Orchestrierung & Automatisierung: Apache Airflow, FastAPI Webhooks, Python Scripting

Datenverarbeitung: pandas, NumPy, ETL Pipelines

Cloud & DevOps: AWS (API Gateway, EC2, ALB), Docker, GitHub Actions, Linux

API & Authentifizierung: REST API Design, JWT, OAuth, Swagger/OpenAPI

SPRACHEN

Spanisch — Muttersprache • Englisch — B2 (CEFR, beruflich fließend) • Deutsch — A1 (CEFR, aktiv lernend)