

# JOSÉ TOMÁS ANABALÓN

Santiago, Chile | +56 9 8393 1281 | jtanabalon@miuandes.cl | linkedin.com/in/jtanabalon | anabalonjt.github.io/Portafolio

## PROFESSIONAL PROFILE

Computer Science Engineer with 4+ years developing production full-stack web applications. Experience building scalable applications from scratch with Ruby on Rails and Django, integrating relational databases, and deploying to cloud platforms (AWS, Render). Proven track record transforming business requirements into functional products used by real users. Seeking to contribute to development teams where I can apply my experience in application architecture and solve complex technical problems.

## PROFESSIONAL EXPERIENCE

### Full Stack Developer | MakiMotion, Santiago, Chile | Aug – Sep 2025

- Developed and deployed complete web application for physical therapy patient management, currently in production use
- Implemented comprehensive system with authentication, patient CRUD, appointment scheduling, clinical records, and admin panel in 6 weeks
- Configured CI/CD with automated deployment to Render from GitHub (auto-deploy on each push to main branch)
- *Tech: Django, PostgreSQL, HTML/CSS/JavaScript, Render, GitHub Actions*

### Internship | KrConsulting, Santiago, Chile | Jan – Mar 2025

- Developed automation solutions for IBM corporate clients, implementing AI tools in business workflows
- Designed LLM solution architecture to automate contract review, identifying breached clauses and renewal dates
- Implemented Python scripts for data extraction via REST APIs and web scraping, processing multiple sources
- *Tech: Python, REST APIs, BeautifulSoup, Snowflake, IBM Watson X*

### Freelance Full Stack Developer | Mt&Coco, Santiago, Chile | Dec 2022 – May 2023

- Developed landing page with form system for tattoo studio, integrating frontend and backend functionality
- Collaborated with graphic designer to implement interface reflecting studio's visual identity
- Automated email notifications upon form submission, including attached images | *Tech: HTML/CSS/JS, PHP, MySQL*

### Freelance Full Stack Developer | C&V Paisajismo, Santiago, Chile | Dec 2021 – Apr 2022

- Developed complete web application for managing 10+ gardeners, eliminating manual processes and centralizing information
- Implemented task assignment with calendar, recurring jobs, and real-time commenting system
- Integrated image upload with AWS S3 for photographic documentation of work, reducing admin time ~70%
- *Tech: Ruby on Rails, PostgreSQL, AWS S3, Heroku*

### Intern | Tinet, Santiago, Chile | Dec 2019 – Feb 2020

- Designed and developed web application for agile team evaluation with customizable metrics
- Learned agile methodologies (Scrum) and Angular + Spring Boot stack with JHipster | *Tech: Angular, Spring Boot, PostgreSQL*

## FEATURED PROJECTS

### Thesis: Generative Models for Fashion Design / 2024–2025

- Implemented and compared 9 variants of generative models (GANs, Diffusion, Transformers) using PyTorch and TensorFlow
- Developed automated pipeline: web scraping → curation of 35k images → generation of 55k sketch-dress pairs
- Optimized performance with CUDA and parallel processing, reducing data prep time from 2 weeks to 3 days
- *Tech: PyTorch, TensorFlow, Python, BeautifulSoup, CUDA, multiprocessing*

### LinkedIn Job Application Automator / 2025

- Developed complete automation bot that reduces application time from 10 min to <30 sec (95% improvement), processing 20+ offers/day
- Implemented end-to-end workflow orchestrated with n8n: scraping with Selenium → intelligent filtering → automatic application → tracking in Google Sheets
- Status: In production, 100+ successful applications | *Tech: n8n, Python, Selenium, Google Sheets API, Telegram API, Docker*

## EDUCATION

### B.S. in Computer Science Engineering | Major in Applied Mathematical Modeling

Universidad de los Andes, Santiago, Chile | Mar 2016 – May 2025

### Academic Exchange | FHWien der WKW, Vienna, Austria | Feb – Aug 2019

**Teaching Assistant - Web Applications** | Universidad de los Andes | Mar – Jul 2021 | Graded assignments and provided technical support to students

## TECHNICAL SKILLS

**Backend:** Ruby on Rails (3 years), Django, Spring Boot, REST APIs, authentication/authorization, application architecture

**Frontend:** JavaScript (ES6+), HTML5, CSS3, Angular, Responsive Design, UI/UX principles

**Databases:** PostgreSQL (advanced), MySQL (advanced), schema design, query optimization

**Cloud & DevOps:** AWS (S3, Lambda), Heroku, Render, Docker, Git/GitHub, CI/CD (GitHub Actions), automated deployment

**Languages:** Python (5 years), Ruby (3 years), Java, C/C++, C#, Kotlin, Bash/Shell

**Data & ML:** PyTorch, TensorFlow, NumPy, Pandas, web scraping (Selenium, BeautifulSoup)

## LANGUAGES

**Spanish:** Native | **English:** C1 Advanced (TOEFL ITP, Cambridge FCE) | **German:** A1 Basic