

Natália Kals

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Portfolio: <https://portfolio-ochre-two-94.vercel.app/>

PERSONAL PROFILE

As a motivated professional starting my career in Software Engineering, I am dedicated to continuous learning and growth. I focus on applying what I learn through hands-on projects, which helps me build practical skills and reinforce core concepts. Driven by solving real-world problems, I aim to deliver value to customers and contribute to impactful projects. I see software development as a dynamic field full of opportunities for both technical and personal growth.

KEY TECHNICAL SKILLS:

- TypeScript;
- React;
- RESTFul API;
- Relational data modelling;
- Backend architecture and Lambda functions;
- AWS services (Cognito, Lambda, API Gateway, RDS, S3 and CloudFront);
- Infrastructure as Code (IaC) with CDK;
- Automated testing with Vitest and LocalStack;
- GitHub Actions for CI/CD.

WORK EXPERIENCE

Personal projects

March 2024 – Present

I am currently working on personal full-stack web application projects to strengthen my skills in cloud architecture and software development. These projects have been key to expanding my practical knowledge. They have given me hands-on experience with the full development process, from infrastructure setup to CI/CD deployment and testing, while preparing me for opportunities in the tech industry.

Through these projects, my goal is to strengthen my technical skills and gain hands-on experience with essential tools and concepts used in modern web development. I'm working with technologies such as React, TypeScript, and Vite on frontend, while building and

documenting RESTful APIs and designing relational databases on backend. To ensure reliability and maintainability, I'm incorporating unit and integration testing, setting up CI/CD pipelines with GitHub Actions, and managing infrastructure using AWS CDK. I'm also gaining practical experience with key AWS services like API Gateway, RDS, Lambda, and Cognito.

Front of House - Onslow & Café Assistant - Espresso Workshop Britomart (EWB)

April 2023 – February 2024

After arriving in New Zealand, I focused on settling into the country by immersing myself in its culture and language to enhance both my personal and professional growth. I began working at Onslow, where I significantly improved my communication skills and deepened my understanding of customer service. This experience proved invaluable in fostering my ability to communicate effectively in diverse environments. Subsequently, my role at EWB involved managing high-pressure situations, improving my problem-solving abilities, and refining my organizational skills.

Assistant - Hey Peppers School

March 2022 – August 2022

Acting as an assistant at the language school, I had the opportunity to contribute in several areas, helping in the communication, administrative, financial, marketing and sales sectors.

IT Technician - Click Soluções e Informática

February 2021 – April 2021

I had the opportunity to work at the company during my internship in the IT Technician course, a valuable learning period where my main role was to provide technical support for hardware and software. My responsibilities included corrective computer maintenance, LAN-WAN network configuration, and general technical support.

Science Tutor (monitoring) - Instituto Federal Farroupilha

February 2021 – December 2021

During high school, I was invited by the teaching team to manage a group of students looking for tutoring in science. My role was planning lessons, developing activities, and supporting their learning through weekly meetings.

EDUCATION

Full Stack Developer certification

RocketSeat

March 2024 – December 2024

Completed a Full Stack Development certification with a focus on both frontend and backend technologies. Gained proficiency in HTML, CSS, JavaScript, React, and Node.js. Developed strong skills in building responsive web designs, dynamic user interfaces, and handling API integrations. Gained hands-on experience in relational database design using Knex and migrations. Focused on version control with Git & GitHub, and deployed projects with Render and Netlify. This course provided a comprehensive understanding of web application

architecture, from frontend design to backend server management, strengthening my problem-solving and development skills.

English Language

NZLC - New Zealand Language Centres - Auckland, New Zealand

November 2022 – May 2023

IT Technician

Instituto Federal Farroupilha - Brazil

February 2017 – July 2021