

# Thiago Souza Geraldi

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## Professional Summary

Full-Stack Software Developer with **end-to-end ownership**. I design, build, and deploy complete web ecosystems: **Node.js/Express + React** as core stack, **SQL/NoSQL** for data, and **Docker/GitHub Actions** for CI/CD. I document APIs (OpenAPI), keep **error handling/logging** consistent, and collaborate **asynchronously** via crisp PRs/code reviews. Currently adding **Go (Gin)** for high-performance services.

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## Technical Skills

**Languages & Frameworks:** JavaScript/TypeScript, Node.js (Express), React, Go (Gin – learning), Python (basics), SQL (PostgreSQL, SQLite/Sequelize), NoSQL (MongoDB/Mongoose)

**Tools & Platforms:** Docker, Git/GitHub, GitHub Actions (CI/CD), Swagger/OpenAPI, JWT, Tailwind/SASS, Jest (basics), ESLint/Prettier, RabbitMQ (concepts), Recharts

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## Projects

**TimeNest — Full-Stack Productivity Platform** · Node.js, Express, React, MongoDB, JWT, Tailwind  
- End-to-end delivery from API design and **protected routes** to deployment (frontend/backend).  
- Backend: **JWT auth**, CRUD for tasks/weekly reports, standardized status codes + error model.  
- Frontend: responsive React UI with state-driven components and weekly progress charts.  
- **Performance**: server-side **pagination** and **sorting** for scalable API consumption.

**Webb Elevators API — IoT Simulation Backend** · Node.js, Express, MongoDB, Zod  
- Device model + telemetry **simulator** streaming elevator events to the API.  
- Layered MVC, **Zod** validation, centralized logging/error middleware, REST endpoints.

**Modular Go Service — REST API (Gin)** · Go, Gin

- High-performance routing (Gin), idiomatic error handling + request-logging middleware.  
- Modular packages (handlers/models/data) and JSON persistence for deterministic tests.

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## Education & Certifications

- **Full-Stack Web Development (Diploma, Co-op)** — Canadian College of Technology & Business (CCTB) • Co-op eligible through **April 2027**
- **Alura (selected): Go — Creating a REST API; DevOps — Containers with Docker; Node.js — REST APIs with Sequelize & SQLite; Swagger/OpenAPI; Extras — Git & GitHub, HTML/CSS/JS, React, Tailwind, ESLint**