

LEONARDO PINTO

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EDUCATION AND CERTIFICATIONS

Certified Solutions Architect, Amazon Web Services

August 2023

- Ability to analyze complex requirements and propose cloud-based solutions.

Software Engineering, Centennial College (Toronto, ON)

January 2023 – Present (exp. April 2024)

- Advanced Databases (Oracle and MongoDB), Object Oriented Programming (C# and Java), Web Development (MERN)

Full Stack Web Developer, Trybe

March 2021 – March 2022

- Fundamentals of Web Development, Front-End, Back-End, Computer Science, and Agile Methodologies.

Ph.D. in Biotechnology, Sao Paulo State University (Botucatu, Brazil)

March 2018 – December 2021

- Developed MATLAB scripts to automate data extraction and analysis from biological signals.

EMPLOYMENT

Full Stack Software Engineer, ROIT Innovation (Curitiba, Brazil)

January 2022 – November 2022

- Developed a payment gateway integrated with Brazil's banking institutions to schedule and automate accounts payable transactions to reduce operational effort for clients.
- Implemented a resilient and scalable architecture using Nest microservices, Pub/Sub, Cloud Functions and Cloud Task to pay invoices and tax forms, resulting in a monthly payment volume of R\$ 15M (CAD 4M), handling approximately 1000 documents.
- Built dynamic Vue components to communicate with REST APIs and managed the application state using Vuex.
- Collaborated with software engineers, QA analysts, and product owners to gather software requirements, define features scope, implement features, solve bugs, and production support in an agile, fast-paced, and innovative environment using Kanban framework and Jira.
- Leveraged knowledge: TypeScript, Node, Nest, Vue, microservices, GCP (Pub/Sub and Cloud Functions).

SOFTWARE PROJECTS

Investment Manager | github.com/leonardo-pinto/investment-manager

March 2023 – November 2023

- Full Stack application to manage stock investments by consulting real-time quotes and calculating metrics.
- Integrated with APIs to consult stock quotes from Brazil and US.
- Inspired by struggling with managing investments in brokers from different countries.
- Utilized: TypeScript, Vue, Pinia, Vuetify, C#, ASP.NET, Entity Framework Core, and Docker.

Reminder AWS Serverless | github.com/leonardo-pinto/reminder-aws-serverless

September 2023 – October 2023

- Developed full stack application with serverless architecture using AWS services.
- Authenticated users create a reminder and are notified by email on the selected date.
- Gained valuable AWS hands-on experience in services such as CDK, CloudWatch, Lambda functions, API Gateway, and DynamoDB.
- Utilized: Node, TypeScript, AWS, Vue

E-Commerce Microservices | github.com/leonardo-pinto/ecommerce-microservices

September 2022 – October 2022

- Developed an E-Commerce API using microservices architecture that has the basic business logic for online purchasing with some dedicated services.
- Implemented a resilient architecture pattern using API Gateway, message broker and AWS.
- Utilized: TypeScript, Node, Nest, RabbitMQ, AWS Cognito, and AWS SES.

TECHNICAL SKILLS

Front-End: HTML, CSS, JavaScript, TypeScript, React, Redux, Vue, Vuex

Back-End: Node, Nest, Express, C#, .NET, REST APIs, Microservices, Docker

Database: SQL (Oracle and MySQL), NoSQL (MongoDB, Firebase, DynamoDB)

Cloud: AWS, GCP