

# João Gabriel Ulian

Software Engineer

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## SUMMARY

Versatile software engineer focusing on well-designed backend services. Extensive experience with NodeJS (Typescript) in different business contexts like Health, and SaS. Passionate about software architecture patterns like solid, clean architecture, andDDD.

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## TECHNICAL SKILLS

**Languages:** Javascript, Typescript, SQL  
**Frameworks:** ReactJS, GraphQL  
**Databases:** Postgres, MySQL, MongoDB, Firestore, Kafka  
**Other:** DDD and Clean Arch, Microservices, Event-based architecture

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## EXPERIENCE

### Software Engineer at Practice

Jul 2023 – Now

*Stack: Typescript, OpenAPI, GCP, Firestore, OpenFGA, NextJS, Tailwind, Zapier, Stripe* *Montreal, Canada (Remote)*

- Developed APIs using NodeJS with Typescript and OpenAPI, persisting data on Firestore and handling events with GCP PubSub.
- Created a payment system integrating with Stripe.
- Created triggers and actions on Zapier.
- Worked on frontends using NextJS and TailwindCSS.

### Software Engineer at Zealous

Oct 2022 – Apr 2023

*Stack: Typescript, Postgres, GCP, NestJS, NextJS, GraphQL, Web3, Audio processing, ChatGPT* *Denver, USA (Remote)*

- Developed APIs using NodeJS with Typescript over NestJS, persisting data on Postgres and exposing it through GraphQL.
- Created a role-based access control integrating with Web3 and social medias
- Created a podcast processor that generates transcriptions and different insights based on the podcast, integrating with LLMs and using audio processing algorithms.

### Software Engineer at Octane AI

April 2022 – Sept 2022

*Stack: Python, Flask, Redis, ReactJS, Shopify* *San Francisco, USA (Remote)*

- Developed APIs using Python with Flask, integrating with Shopify.
- Worked on dashboards using ReactJS.

### Software Engineer at Alice

Dec 2021 – April 2022

*Stack: Kotlin, Kafka, Postgres, FHIR, VueJS* *São Paulo, Brazil*

- Developed APIs in the context of interoperability between health institutions using technologies like Kotlin with microservices, Kafka, and FHIR protocol.
- Worked on some frontends using VueJS.

### Technical Lead at Cuidas

Jul 2021 – Dec 2021

*Stack: NodeJS, Typescript, NextJS, GraphQL, MongoDB, AWS, DDD, Clean Arch* *São Paulo, Brazil*

- Designed solutions for user journey in the system before starts patient: begin lead and ends buyer
- Coordinated team in discovery, development, and delivery process using SCRUM guideline
- Documented architecture and design guidelines for rest of the company

### Software Engineer at Cuidas

Jul 2019 – Jul 2021

*Stack: NodeJS, Typescript, NextJS, GraphQL, MongoDB, AWS, DDD, Clean Arch* *São Paulo, Brazil*

- Early employee (one of three first software engineers)
- Developed APIs using NodeJS with Typescript, exposing through GraphQL, persisting data on MongoDB, using DDD with Clean Architecture. I also created some lambda functions.
- Developed Electronic Health Record from scratch in the context of Primary Care.

### Software Engineer Intern at Embraer

Mar 2017 – Jul 2019

*Stack: Python, SAP, Excel, AngularJS, NodeJS* *São José dos Campos, São Paulo, Brazil*

- Structured and developed system for extracting and consolidating Quality Non-Conformities using Python integrated with SAP and Excel tables
- Developed dashboards using AngularJS, NodeJS, and MySQL.

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## EDUCATION

### Federal University of São Paulo (UNIFESP)

São José dos Campos, São Paulo, Brazil

*Bachelor of Science: Computer Engineering*

*2014 - 2019*

- Junior research in the field of mathematical modeling in the context of crisis management
- Junior research in the field of biomedical signal processing