Vinícius Teixeira Dias

**Contacts**

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Github: <https://github.com/viniciusteixeiradias>

Portfolio: [https://viniciusteixeiradias.github.io/](https://viniciusteixeiradias.github.io)

Leetcode: <https://leetcode.com/viniciusteixeiradias/>

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**Skills**

* Typescript, Javascript, Go, Python, Vue, Angular, React, React Native, Delphi, Java
* SQL, NoSQL, Firebase, MySQL, PostgreSQL, SQLite
* Rest API, Docker, WebSockets, AWS, Azure, Google Cloud, Microservices, CI/CD, Tests (Unit, E2E, Component), AWS Rekognition, Custom Vision API, Artificial Intelligence
* Linux, Windows, Mac OS
* Problem Solving, Proactive, Team work

**Experience**

**Full Stack Developer - Aimebee** (Australia) - Freelance

Start: 08/2024 - End: Current

* I developed an API to execute artificial intelligence training and predictions for a project aimed at teaching children how to use and create their own AIs. The API supported tasks like image classification, text classification, and sound classification. It was implemented in Python using FastAPI to define the API structure and PyTorch for AI model training.
* I integrated a WebSocket solution, which I developed for both the backend and frontend, to mitigate timeout risks during model training.
* I configured the company's AWS account using AWS Organizations, created repositories in AWS ECR, and set up Elastic Beanstalk environments for both backend and frontend services.
* I implemented automatic deployment for both frontend and backend to AWS (ECR and EB) using GitHub Actions and GitHub Versions Release.
* Stacks: Python, AWS, Vue.js, TypeScript, JavaScript, AWS, Docker, GitHub Actions, GitHub Packages, WebSocket and REST API.

**Full Stack Developer - Infinities** (Australia)

Start: 06/2023 - End: 08/2024

* I developed a portfolio app to showcase the company's capabilities, including AR, AI recognition, and a summary of completed projects. The app demonstrated what the company could do, attracting more customers and growing the business.
* I conducted AI training for object recognition and detection. This AI was developed so that users could scan and recognize toys that came inside our client's chocolates using the mobile app, thereby collecting rewards and providing an extraordinary experience for our users.
* I empowered Infinities, leveraging impactful augmented reality and map-based localization solutions, amplifying user engagement and fueling the company's growth.
* I mentored and trained interns, guiding them in their professional development and enhancing their technical skills.
* I created an API for a mobile application being developed for an NBL1 team, facilitating integration with external services such as payments, ticket purchases, and upcoming game details.
* I updated an outdated API made in Node.js + JavaScript to a modern hexagonal architecture with Node.js + TypeScript, improving scalability and maintainability.
* I conducted technical interviews for the recruitment of new employees, ensuring the selection of qualified candidates.
* Stacks: React, React Native, Typescript, Javascript, Node, PostgreSQL, MongoDB, CI/CD GitHub Actions, Azure, AWS and Docker.

**Full Stack Developer - FoodInn Ireland** (Ireland)

Start: 10/2022 - End: Casual Help

* I created and maintained a retail store management system, directly contributing to company expansion and increased revenue.
* I eliminated repetitive API requests, improved system performance and user experience by implementing Web Socket technology.
* I drove an increase in customer adoption which resulted in substantial monthly revenue growth for the company by developing a system from scratch for order and delivery management.
* I mentored and trained interns, guiding them in their professional development and enhancing their technical skills.
* Stacks: Vue3, Typescript, Python3, PostgresQL, CI/CD GitHub Actions, AWS Cloud, Web Socket, Rest API and Docker.

**Full Stack Developer - PRODEMGE** (Brazil)

Start: 07/2021 - End: 10/2022

* I enhanced system performance, efficiency and interface, resulting in increased customer satisfaction. This was achieved by migrating a legacy Java system to a modern architecture using Vue3, Typescript, Containers, and automated deployment.
* I provided greater user satisfaction and contributed to the overall success of the product through my effective communication between clients and the UI/UX designer.
* Stacks: Vue3, Typescript, Python3, Java 17, PostgresQL, Oracle, DB2, CI/CD GitHub Actions, AWS Cloud, Web Socket, Rest API, Jenkins and Docker.

**Full Stack Developer - Slinger Web Startup** (Brazil) - Freelance

Start: 03/2022 - End: 07/2022

* I led and developed a new project responsible for handling international freight, in this project I acted as architect and developer.
* In this project I was responsible for passing on knowledge to other developers about technologies such as Vue3, Typescript, Docker and Testing, which greatly strengthened my communication and teamwork.
* Stacks: Front: Vue3 + Typescript Backend: Python, PostgresQL database, Docker, AWS Cloud, CI/CD with Github actions.

**Full Stack Developer - ATS Informática** (Brazil)

Start: 06/2019 - End: 07/2021

* Together with my team, we were able to provide a more user-friendly interface and also a more pleasant working environment for developers through the migration of a system in Delphi XE5 to Delphi Tokyo (a more updated version).
* I contributed to improving system performance, increasing scalability and customer satisfaction by migrating from a legacy Delphi system to a more modern architecture: Vue3, Typescript, Node, PostgreSQL, Docker, CI/CD, Jenkins and Github Actions.
* I was responsible for training and mentoring interns, it was a mutually beneficial experience that enriched my professional growth and had a positive impact on the development of aspiring talents within the organisation.

**Technical Support - Oscom Automação** (Brazil)

Start: 01/2019 - End: 06/2019

* I increased the company's monthly invoicing, creating an inventory control system.

**Education**

* Bachelor of Computer Science, [Salgado de Oliveira University](https://universo.edu.br) *Brazil, MG, BH* 01/2018 - 12/2022
* Web Development, [Mindroom Innovation](https://www.mindroom.edu.au), Australia, QLD, Gold Coast 09/2023 - In Progress

**More about me**

* I love to study and increase my knowledge.
* I love surfing.
* I like to read, these are some books I've read: Patterns Of Enterprise Application Architecture, Writing an interpreter in Go, Clean Code, Clean architecture, Don't make me think, 12 rules for life, How to make friends and influence people...