

# Victor da Silva Motta

## Mid-level Fullstack Developer | Software Engineer

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### SUMMARY

Mid-level Back-end Developer specialising in Node.js, TypeScript and AWS.

Experienced in building RESTful APIs, microservices and asynchronous architectures using SQS, BullMQ and Redis.

Builds scalable systems for the agriculture and finance sectors, focused on performance, observability and practices such as Clean Architecture, SOLID and CI/CD.

#### Key highlights:

- Optimised microservices, cutting cost and processing time
- Set up AWS infrastructure with EC2, CI/CD, Auto Scaling and Load Balancer
- Built Google Earth Engine solutions for geospatial analysis

### PROFESSIONAL EXPERIENCE

#### Tiix – Full Stack Developer, May 2026 – Present

Rio de Janeiro, Brazil · Full-time

- Builds a clinical platform in PHP, HTML and CSS, covering the full product cycle — data modelling, business rules and interface.
- Ships new features and evolves existing modules of the platform, keeping the codebase organised and maintainable.
- Works with the team in an agile setting, from requirements gathering through to production release.

#### AgriSafe – Mid-level Software Engineer, Nov 2023 – May 2026

São Paulo, Brazil, Remote · Full-time

- Built crawlers and data pipelines with Python (Scrapy, BeautifulSoup, Pandas, NumPy) and Node.js, automating data collection from multiple sources.
- Implemented an asynchronous microservices architecture with Node.js and Python on AWS (Lambda, SAM), using AWS SQS and BullMQ (Redis) for messaging and distributed processing.
- Built RESTful APIs with Express.js, Docker, PostgreSQL and MongoDB, ensuring scalability, consistency and high service availability.
- Set up AWS infrastructure with EC2, CI/CD (GitHub Actions), Auto Scaling and Elastic Load Balancer, ensuring high availability and automated deploys.
- Used Redis for caching and performance tuning, cutting latency on critical operations.
- Built geospatial analyses with PostGIS, GeoPandas and Google Earth Engine, generating insights for the agriculture sector.

#### Onchainwallets – Front-end Developer, Oct 2024 – Mar 2025

São Paulo, Brazil · Remote · Part-time

- Built the front-end with Next.js, TypeScript and Tailwind CSS, integrating RESTful APIs and keeping performance high.
- Implemented reusable components and a scalable architecture, improving code maintainability.
- Optimised rendering and page load, improving the user experience.

#### Projetos Driven – Full Stack Web Developer, Sep 2022 – Aug 2023

Rio de Janeiro, Brazil · Remote · Contract

- Built over 40 full stack projects using Node.js, Express.js, RESTful APIs, PostgreSQL, MongoDB, TypeScript, React.js, Vite.js, CI/CD and Agile/Scrum.
- **Highlighted projects built during the programme:**

#### Driven.t | Event Manager

- Built the backend with Node.js, Express.js and PostgreSQL, ensuring data integrity, security and consistency.
- Implemented the frontend with React.js, TypeScript and Styled Components.

- Acted as Scrum Master, organising the team's workload and deliveries.

### **Vapor | Digital Games E-commerce**

- Built the backend with Node.js, Express.js, JWT and MongoDB, applying a layered architecture.
- Implemented the frontend with React.js and Styled Components.

## **EDUCATION**

### **Universidade Estácio (UNESA), Duque de Caxias, RJ - Brazil**

*Associate Degree, Systems Analysis and Development, GPA: 9.3/10, Jul 2022* Driven Education, São Paulo, SP - Brazil

*Bootcamp, Full Stack Web Development, GPA: 10/10, Jul 2023*

## **CERTIFICATIONS & SKILLS**

- **Infrastructure - Driven Education - Jun 2023**
- **Architecture and Best Practices - Driven Education - May 2023**
- **Databases and Data Modelling - Driven Education - Mar 2023**
- **Back-end with MongoDB - Driven Education - Feb 2023**
- **Front-end with Dynamic Interfaces - Driven Education - Dec 2022**
- **Front-end with Static Interfaces - Driven Education - Nov 2022**

## **LANGUAGES**

- **English - Intermediate**
- **Portuguese - Native**