Daniel Marinho Gonçalves

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Skills

- JavaScript | TypeScript | Node | Vue | Express | NestJS | Jest | Redis | MongoDB | Postgres | Neo4j | RabbitMQ | GraphQL | Apollo | Git
- Google Cloud Platform | Heroku | Vercel | Firebase | Docker | CI/CD | Jest | SonarQube | GitHub | GitLab | Apollo Studio | DataDog
- Frontend | Backend | Full-Stack | English, Portuguese

Experience

Software Engineer II   **Gupy**   *São Luís, MA, BRAZIL*   **Jun/2022 – Aug/2023**

- Spearheaded the development of a content delivery service, harnessing a graph database to achieve precise preference matching. Leveraged a tech stack including *TypeScript*, *NodeJS*, *NestJS*, *Redis*, *Neo4j* and *GCP*, enforcing best practices with robust automated testing (*Jest*) and streamlined pipelines (*CI/CD*).
- Proactively monitored and optimized various APIs using *Datadog*, *Cloud Logging*, *New Relic*, and other cutting-edge observability tools, to continuously ensure system health, lifespan, and performance by identifying and mitigating failures and bottlenecks.
- Pioneered an event-driven architecture, enabling seamless asynchronous communication among services with remarkable low latency and unparalleled availability, through the implementation of a publisher/subscriber model utilizing *RabbitMQ* and *GCP*.

Software Engineer   **Niduu**   *São Luís, MA, BRAZIL*   **Nov/2019 - May/2022**

- Simplified the back-end architecture by crafting an API Gateway through *GraphQL's* Apollo Federation, consolidating disparate *NodeJS* services from diverse domains into a unified endpoint, reducing API spaghettis and query complexity.
- Engineered a Meetup-style service facilitating employee event scheduling and room reservations in real-time, using *Firebase* notifications, and generating reports using *NoSQL* databases, empowering seamless collaboration and productivity enhancement.

Full-stack Developer   **Terra Viva**   *São Luís, MA, BRAZIL*   **Aug/2018 - Oct/2019**

- Crafted a bespoke Customer Relationship Management System (CRM) using *VueJS*, *Heroku*, and NoSQL Databases (*FireStore* and *MongoDB*) to streamline sales pipeline management and employee workflows, enhancing sales efficiency.
- Orchestrated the creation of multiple Landing Pages using *NuxtJS*, hosted on *Vercel*, seamlessly integrating these pages with internal systems to bolster the sales team's contract follow-up and back-office operations.

Software Developer   **State University of Maranhão**   *São Luís, MA, BRAZIL*   **Apr/2016 - Jul/2018**

- Collaborated on the successful implementation of a groundbreaking Integrated Academic Activities Management System at the university, catalyzing enhanced productivity for 1800 employees and benefiting 47,000 students.
- Innovatively designed and deployed multiple APIs, harnessing *PHP* (Laravel) and *NodeJS*, seamlessly integrated with a *MySQL* database, fortifying diverse web applications.
- Expertly orchestrated comprehensive on-premises hosting and management of the project infrastructure, providing dedicated service to the university's rector, 750 employees, and 1200 professors.

Software Engineer   **FAPEMA**   *São Luís, MA, BRAZIL*   **Mar/2015 - Oct/2015**

- Collaborated on the development and deployment of a *Java-based* management platform designed to assess research grant applications and facilitate submissions for new grants, serving the entire statewide Scientific Community.

Software Engineer   **Bank of Brazil**   *São Luís, MA, BRAZIL*   **Jul/2013 - Dec/2013**

- Actively contributed to the engineering team in enhancing and maintaining internal systems for the second-largest bank in Brazil.
- Developed several automation scripts using *Visual Basic* to perform updates on historical transactions used around the country.

Education

Bachelor of Science   **Pitágoras University**   *São Luís, MA, BRAZIL*   **Jan/2011 - Dec/2015**

- Major in Computer Science
- GPA 3.5