# 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 – Now**

- Developed a Reels-like service using several modern technologies (*TypeScript*, *NodeJS*, *NestJS*, *Redis*, *Neo4j*) and cloud services (*GCP*), keeping best practices with automated testing, integration, and deployment.
- Monitored several applications using *Datadog*, *Cloud Logging*, *New Relic*, and other observable tools over 30 services to check on systems health, life span, failures, and bottlenecks.
- Designed an event-driven architecture, creating asynchronous communication between services with low latency and high availability over *RabbitMQ*, running everything on cloud containers (*GCP*).

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

- Decreased the number of APIs endpoints and complexity on queries for resources in our back-end by developing an *API Gateway* using *GraphQL's* Apollo Federation (Schema Stitching) combining several different *NodeJS* applications from different domains into a single endpoint.
- Developed and Meetup-like service to help customers create their events with its employees, make room reservations, send real-time app notifications using *Twillo's API*, and generate reports to managers using *NoSQL* databases.
- Developed several back-end services using a lot of different web technologies like *NodeJS*, *TypeScript*, *NestJS*, and databases (*SQL* and *NoSQL*), *Postgres*, *Mongo*, *Redis*, and *Neo4j*, running everything on the cloud (*GCP*, *AWS*, *Heroku*, *Vercel*, *Firebase*), with 1.6k daily hits on average.

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

- Built several applications integrated into many existing systems, using *VueJS*, *NodeJS*, and *Firebase*, to connect loose business rules across the company, which increased productivity between sales and admin teams, lowering average task completion time by 46%.
- Built a fully customized Customer Relationship Management System (CRM) - using *Quasar* (*VueJS*-based Framework), *Heroku*, and *NoSQL* Databases (*FireStore* and *MongoDB*) - to manage the company' s sales pipeline and routines performed by employees and external sellers, decreasing expenses on third party applications by over 50%.
- Developed several Landing Pages using *NuxtJS* (for better AdSense and SSR) and several web technologies (*GraphQL*, *WebSockets*, *PubSub*), to integrate existing platforms into a single application (CRM) which increased sales overall by 26%.

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

- Collaborated to implement a new Integrated Academic Activities Management System at the university that directly impacted the activity of more than 1800 employees and 25000 students.
- Developed several applications using *PHP* (Laravel), *NodeJS*, *Angular*, *MySQL*, *Apache*, and other web technologies - running everything on premises - used by the university's rector, 750 employees, and more than 1200 professors.

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

- Collaborate to develop and deploy a new management platform written in *Java*, used to analyze research grants and submissions to new grants, required by the Scientific Community within the State.

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

- Collaborated to build new features on internal systems of the 2nd biggest bank in Brazil.
- Developed several automation scripts using *Visual Basic* to perform updates on historical transactions used by more than 50000 employees across the country.
- Collaborated with the team to implement and fix several features on internal systems.

## Education

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

- Major in Computer Science