

Cauê dos Santos Silva

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Skills

- Javascript | TypeScript | Node.js (8, 10, 12, 14, 16, 18) | Express | NestJS
- Angular (2+, 8, 12, 15, 17, 18) | React (15, 16, 18) | Next.js (9, 10, 11, 12, 15)
- Git | SQL | NoSQL | PostgreSQL | MySQL | Redis | MongoDB | DynamoDB
- AWS (EC2, ECS, RDS, S3, SQS, Route 53, CloudFront, Athena, Glue, Lambda, IAM) | CI/CD | Jest | Unit Testing | Serverless | Microservices
- Frontend | Backend | Full-Stack | Tech Lead (1:1, Mentor, OKR's)

Experience

Tech Lead

Asksuite

Florianópolis, SC, BR

03/2023 - Current

- Led the design and development of multiple enterprise-level microservice applications of Hotels, driving significant revenue annually using the latest technologies like **AWS, Javascript, Typescript, Angular, Lambda, Node.js, NestJS, and PostgreSQL**.
- Led the design and implementation of a scalable telephony integration within our hotel **CRM**, utilizing a **microservices architecture, serverless functions**, and **Angular** to enhance customer communication and support **real-time** interactions.
- Led a **cost-reduction** initiative using tools like **Vantage** to analyze resource spending, reducing **project costs** by 80% through optimization of cloud resources.
- Led a team of **frontend** developers in building a **real-time** live chat application, focusing on **seamless screen** state management and integrating **BFF (Backend for Frontend)**. We used **Angular**, implemented robust **unit testing**, and structured the infrastructure with **AWS, Amplify**, and **CloudFront**. I also introduced a **micro-app** architecture within the platform to improve flexibility and **scalability**.
- Led the team in creating our company's **design system** using **Angular**, with **solid unit testing** to ensure quality. We made sure it was reusable across projects, and hosted it on **NPM** for easy access by the whole team.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, unit/integration/e2e testing

Software Engineer

Asksuite

Florianópolis, SC, BR

10/2020 - 03/2023

- Developed and maintained enterprise-level applications for a hospitality platform, leveraging **Java, Node.js**, and **NestJS** for backend services, with **PostgreSQL** for data management. I also worked with **Docker** for containerization, **AWS** for cloud infrastructure, and **Angular** for the **frontend**.
- Contributed to the **migration** of a **monolithic** system to a **microservices architecture**, involved in researching **microservices** concepts and developing POCs to validate the approach. The implementation leveraged **SQS, SNS**, and **AWS Lambda** with **Serverless**, using **NestJS** for the services, **PostgreSQL** with **RDS Proxy** for database management, and **API Gateway** for routing.
- Developed an **automated** service to monitor N3 tickets and **notify** the responsible developers daily, leveraging **AWS Lambda, NestJS, Datadog** for automatic triggers, and **Slack API** for communication.

Software Developer

Code Labz

Rio do Sul, SC, BR

01/2020 - 01/2024

- Co-ran a **freelance** business with a friend, working on **Upwork** and **Workana** using technologies like **Node.js, Next.js, React**, and **PostgreSQL** to deliver custom solutions for various clients.

Software Developer

IPM Sistemas

Rio do Sul, SC, BR

02/2018 - 12/2019

- Worked on developing a public administration management **software**, focusing on modules like Citizen Portal, Transparency Portal, and Official Gazette. Utilized **PHP** with an **MVC architecture**, **jQuery**, and **JavaScript** for the frontend, alongside **PostgreSQL** for the database.

Software Developer, Intern

IPM Sistemas

Rio do Sul, SC, BR

02/2017 - 02/2018

- Interned while studying and applying **PHP, MVC architecture, jQuery, JavaScript**, and **PostgreSQL**, contributing to public management software development.

Education

Bachelor in information systems

Estácio

Rio do Sul, SC, BR

01/2021 - 12/2024

Projects

- **MINHA RESERVA**: Developed a project for my former university (UNIDAVI) called 'Minha Reserva,' a system designed for managing and reserving equipment. The platform streamlined the equipment booking process, ensuring efficient resource allocation and tracking.
- **LIVE-E**: During the pandemic, I attempted to co-found a startup called Live-e with a friend. We built a livestream platform for selling ecommerce products, where we tracked sales to earn commissions, rather than owning the e-commerce itself. We also went through an incubator program to try to launch the project.