

Bruno Oliveira

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Summary

Passionate self-learner since 13, I embarked on my journey in software development creating game hacks using Assembly, C and a lot of reverse engineering. Over the past 7+ years, I've worked on backend focused roles, building IoT and data-driven projects, team management, embedded systems, leading development teams and contributing to fast-paced startups. My expertise lies in building microservices, event-driven architectures, and data-intensive, performant and scalable software solutions. I am addicted to bug hunting and creating fault-tolerant code, aiming to become a software architect and IoT expert.

Experience

Senior Software Engineer

Anytime Fitness - GoAlto

10/2023 - Present

With GoAlto, I have the opportunity to work with Anytime Fitness where I'm responsible for designing and developing a new architecture for an online course platform of video content of live streams or on-demand, addressing security, performance and maintainability issues with the right tools and technologies, with a small team of 3 devs amongst other teams in a 300+ employees company. In a fast-paced environment and a live product, being able to work on current features/bugs while developing new things is essential.

NodeJS | Terraform | Redis | PostgreSQL | Docker | DevOps | Azure | NestJS | Typescript | Azure EventBus

Senior Software Engineer

Sotheby's - X-Team

07/2022 - 10/2023

I collaborated with Sotheby's team to develop solutions that saved approximately 1 million dollars monthly by enhancing internal workflows through integrations and automation. I worked with an exceptional team of developers to migrate a legacy system into a modern, more efficient structure and integrated it with multiple internal tools, creating reliable, observable and straightforward automated workflows.

NodeJS | TypeScript | BigQuery | Big Data | Kubernetes | Real-time systems | AWS Kinesis | GraphQL | API Tracing

Senior Software Engineer

Originate - X-Team

01/2022 - 07/2022

I contributed to the Originate project by creating Zapier integrations for workflows with third-party services, expediting the delivery of the initial product phase. At the next phase, I collaborated closely with the backend team, building, testing and scaling a SQS implementation to create an event-driven environment for the services.

NodeJS | PostgreSQL | GraphQL | Database Modeling | Kubernetes | Event-driven Architecture

Senior Software Engineer

Supergroup - X-Team

01/2021 - 01/2022

I had the privilege of working with Supergroup to create API integrations with big social media platforms, such as Instagram, TikTok, Facebook, and YouTube. I leveraged real-time data processing and big data analytics to push and pull data, automate processes, model and enrich the database.

NodeJS | Data Analytics | Database Modeling | Big Data | GraphQL | Kubernetes | Event-driven Architecture | Facebook API | Twitter API | Instagram API | TikTok API | YouTube API

Backend Engineer

Luma Healthcare, Inc.

08/2019 - 12/2021

My role at Luma Health was pivotal in managing 90+ integrations with global EHR systems. We achieved a milestone of booking 1 million COVID-19 vaccinations in the US by enhancing API performance and crucial customer integrations during the initial phases of first vaccination campaigns. I also played a vital role in implementing monitoring tools and pioneering Natural Language Processing in the company in services with 1+ million patient interactions weekly. My code and database optimizations significantly improved data gathering reliability and performance with EHR integrations allowing customers to see a good impact in system up-time and overall performance of the product.

MongoDB | System Integration | Microservices | NodeJS | AI | Event-driven Architecture | Real-time systems | RabbitMQ | Go | Apollo Server

Lead Software Engineer

TechPark

07/2018 - 08/2019

- Full-stack Architect: Orchestrated the entire system, from selecting technologies and programming languages to shaping the database models.
- Database Expert: Designed and optimized database models to ensure efficient data management and retrieval.
- Team Leadership: Led the development of backend services and other teams working at frontend and mobile, guaranteeing team was consistent and happy with the path we were going.
- Tech Flexibility: Embraced a tech-agnostic approach, allowing the team to leverage the most suitable technologies and trying new things.

Full-stack | NodeJS | C++ | Python | Raspberry Pi | PostgreSQL | MongoDB | GraphQL | Apollo Server | AWS | ElasticCache | ElasticBeanstalk

IT Specialist

IBNDT

08/2016 - 07/2018

My contributions at IBNDT included automating internal engineering processes with Python and Excel, maintaining a local Microsoft server, and building IoT solutions for inclinometer and accelerometer monitoring sensors using MQTT and Node.js for Brazilian metallurgical and oil industries.

IoT | MQTT | Kafka | NodeJS | Python | C | NodeRed | Automations | OpenCV | Microsoft Server | Excel

Skills

Node.js, NoSQL, SQL, Software Architecture, Automated Testing, JavaScript, Typescript, AWS, GCP, Azure, Event-driven architecture, Data-intensive software, GraphQL, Big Data, gRPC, MQTT, Docker, Terraform, Kubernetes, API Integrations, C, C++, Rust, Golang, Python, Redis, MongoDB, PostgreSQL, Timeseries Databases, Infrastructure as a Service

Languages

English, Portuguese, Spanish