

# JOAO TAPPARO

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## Skills

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- Java | JavaScript | TypeScript | C++ | C | MSSQL | Node | Express | React | Linux | Debian | Fedora | Arch | Next.js | Tailwind | Three.js
- AWS | Cloud Computing | CI/CD | XUnit | Jest | Android Studio | Unit Testing | Python | OOP | Unity 2D | Django | Kotlin | WebGL
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English and Portuguese – *All professional proficiency or above*

## Experience

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**Software Engineer** Keelworks Foundation *Seattle, WA, USA* **06/2023 - Current**

- Contributed to the development and optimization of full-stack applications at KeelWorks, focusing on enhancing user experience and system scalability. Employed a variety of technologies including **TypeScript**, **Node.js**, **AWS** and **Next.js** to deliver high-performance, scalable solutions tailored to the needs of clients.
- Spearheaded the design and implementation of robust, secure APIs and server-side applications that facilitate efficient data management and user interaction, significantly improving client service delivery and operational efficiency.
- Directed end-to-end product development cycles, from initial requirement analysis and system design through to implementation, testing, and deployment, ensuring that solutions were delivered on time and within budget.
- Integrated sophisticated system monitoring tools and telemetry into the software architecture at KeelWorks, enabling advanced data analytics and performance optimization that supported strategic decision-making and continuous improvement.
- Managed continuous integration and deployment pipelines to streamline development processes and maintain high standards of code quality, including rigorous load testing, code reviews, and automated testing practices.

**Software Development Engineer** Vitalita *Campinas, SP, Brazil* **04/2022 - 06/2023**

- Contributed to the design and implementation of web solutions, focusing on creating user-centric interfaces and robust backend functionalities. Enhanced system interactions through comprehensive **API** solutions built with **Django REST framework**.
- Played a key role in integrating and managing backend systems using **Kotlin** and **OracleDB**, which supported high-volume data transactions and sustained high user engagement by ensuring data integrity and security.
- Collaborated with cross-functional teams to deliver projects from concept through completion, ensuring that all developments aligned with client requirements and business objectives, contributing to enhanced operational efficiency and customer satisfaction.

## Education

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**Bachelor's degree** Pontifical Catholic University of Campinas *Campinas, SP, Brazil* **02/2022 - 12/2025**

- Computer Software Engineering

**Technical's degree** Centro Municipal de Educação Profissional Osmar Passarelli Silveira *Paulinia, SP, Brazil* **01/2019 - 11/2021**

- Information Technology (IT)

## Latest Project

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- **Portfolio Sonia Coronado:** Developed an interactive web portfolio for Sonia Coronado, a **Senior Music Designer at PlayStation**. This portfolio showcases her contributions to the creation of soundtracks for high-profile games such as "The Last of Us Part II," "God of War," and "Call of Duty: Modern Warfare 2". **(11/2022)**

## Others

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- **Reply Cyber Security Challenge 2022:** Improved to 38th place at the country level **(10/2022)**
- **Reply Cyber Security Challenge 2020:** Achieved 39th place at the country level **(10/2020)**