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João Vitor Teixeira

I am a backend developer passionate about resolving complex problems and building a reliable, scalable and maintainable codebase.

Work Experience

Backend Leader　　　　　　　　**Moonwards Apps**　　　　　　　　**Jul 2022–Present**
Brisbane, Australia

- Created more than 15 libraries (for NestJs and CDK) to help the team build standard code faster and more reliably.
- Introduced a deployment process to help the team focus only on the business logic of the projects for most of the time.
- Implemented authentication flow using OAuth and authorisation (Keycloak) to prevent developers from writing their code, helping them to concentrate on the project goals.
- Developed more than seven projects that went to production using AWS Solutions, such as ECS, Lambda, RDS, DynamoDB, Bucket S3, CloudFront, SQS, etc...

Software Engineer　　　　　　　　**PD Soluções**　　　　　　　　**2018–2022**
Santa Rita Do Sapucaí, Brazil

- Using C, I helped to develop applications using Bluetooth Low Energy (BLE), FreeRTOS, MQTT, Biometric modules, Arm DAPLink, and FAT 32;
- Backend developer who built systems using NodeJs (Express), AdonisJs, Azure and AWS.

Education and Certifications

- **Bachelor Information Systems,** FAI - Centro de Ensino Superior em Gestão, Tecnologia e Educação.　　**2017–2021**

Technologies and Languages

- Languages:　　NodeJs, Typescript, C
- Technologies:　　Prisma, Nestjs, MySQL, AWS CDK, Git, GitHub, GitLab, Azure, AdonisJs, Postgres, MQTT
- Other:　　OAuth, Keycloak, FreeRTOS

Projects

- jvthecoder.dev is my personal website where I post my study cases and projects I've been working on during my free time.
- **My First PR**: When programming an embedded system using FreeRTOS, I had the first opportunity to help the open-source community.
- I also helped open-source Prisma Class Generator (a library that I used combining Prisma and NestJS).
- Moonenv: During my time at Moonward Apps, I built this project using Rust to help us manage environment variables.
- My First Game Jam: One day, some friends invited me to join them in a game Jam. With no experience, we built a tower defence in two days.

Interests

- I'm always grateful for the opportunity to travel, try new restaurants, and meet new cultures and people.
- Study philosophy and read books
- Play games