

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

Work Experience

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| Backend Leader | Moonwards Apps | Jul 2022–Present
Brisbane, Australia |
| <ul style="list-style-type: none">• 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
Santa Rita Do Sapucaí, Brazil | 2018–2022 |
| <ul style="list-style-type: none">• 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).
- **Moonenvy**: 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