

Arthur Fileti Fiorette

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I have been developing software since **2018** professionally and doing open source since **2020**. Passing through **Financial, ERP** and **Government companies**. Within all those years, I have developed and architected different high performance and scalable applications written in numerous languages.

I am a **full-stack developer with a strong focus on the backend**. I have experience with multiple programming languages, frameworks and databases.

Education

2020-2022

Technical in Management and Administration of Companies

IFES – Instituto Federal do Espírito Santo

2023-today

Graduate in Strategic Planning and Analysis Systems Development

IFSC – Instituto Federal de Santa Catarina

Experience

Software Engineer @ Kasco R&D – Campinas, Brazil

Apr 2022

Today

Full time

As a Software Engineer in the R&D team, my main goals are to develop and maintain the backend side of a **feed management system for large cattle farms**. There we had to use various technologies to achieve the best user experience to low tech farmers and performance to handle millions of forecasts and calculations.

Built and architected the backend to use **Fastify, NodeJS, Typescript, Open API, Postgres** and **Kita** – *a open source framework which I'm the creator of it*. All interfaces were built using **React, Typescript, Material UI** and code generation to ensure type safety.

Software Developer @ E&L Sistemas – Domingos Martins, Brazil

Jan 2021

Apr 2022

Full time

During my time at E&L, I built and participated in multiple projects, including leading the development of a **Covid-19 vaccine temperature monitoring** web application for the Espírito Santo state, A **tracking application for fleet vehicles** used by many private companies and **automated their internal deployment system** for their leading sale product, which reduced deployment from a day to a couple of minutes and avoided numerous problems by creating automated tests against their services.

A lot of technologies were used during my time there, including **React, Typescript, NodeJS, Postgres, Nest, Nuxt, Web Sockets, Spring Boot** and **Jenkins**. Also I had to be a great team player, as I had to work with various internal teams and projects.

Open Source

Despite my work, family and hobbies, I always try to find time to contribute to open source, as I acknowledge its importance to the world. Thankfully, I have been able to contribute and maintain many projects out there

and as of today they go beyond **a million monthly downloads** only on npm packages I authored and keep maintaining to this day.

Apart from that, I've contributed to many open source projects and organizations, including **Vercel, Fastify, Prisma, Axios** and others. You can find more about my open source contributions on github.com/arthurfiorette.

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