

Filipe Alves Cavalcante

Software Engineer

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SUMMARY

I'm a Dynamic Software Engineer specializing in technologies such as Node.js, Typescript, PHP, Laravel, React, Vue.js, Azure, AWS, and SQL Server. I use these tools to build robust and scalable solutions.

I'm known for being very strict with deadlines and for enjoying maintaining legacy systems, whether they're PHP, TypeScript, Node.js, React, or Vue. I'm also known for enjoying challenges and using new technologies.

The technologies I've worked with in recent years include PHP, Typescript, Node.js, React, Vue, S3, SQS, Lambda, DynamoDB, MySQL, PostgreSQL, Tailwind, and Redis. All of these tools were implemented using concepts like SOLID and Clean Code.

SKILLS

Node.js, Nest.js, TypeScript, PHP, Laravel, Vue.js, React, Next.js, JavaScript, MySQL, SQL Server, PostgreSQL, RESTful, Tailwind, Redis, Azure Cloud, HTML/CSS, Docker, Unit Tests (PHPUnit, Jest), TDD, DDD, Git, Jira/Azure Devops, Postman, Agile Methodologies, SQL Azure, S3, SQS, Azure Storage, Design patterns, SOLID principle, AWS, Lambda, DynamoDB.

PROFESSIONAL EXPERIENCE

Software Engineer

Gran, Brasilia, BR – Remote

12/2021 to Present

Core Responsibilities:

- Designed and built a new website using React, Next.js and Tailwind to create a more SEO- and performance-focused website for organic growth while still allowing for dynamic changes from a CRM.
- Created and integrated a custom NPM library for React and Next.js components to ensure standardized components and avoid rewriting changes across multiple projects, in addition to contributing to system design.
- Created and integrated RESTful APIs using Laravel and Typescript optimizing communication between microservices and enabling seamless data flow between systems.
- Optimized query performance with indexing strategies and advanced query tuning, reducing latency and improving throughput.
- Contributed to the marketing team by developing promotional banners and landing pages, always optimizing SEO and tracking information.

Key Technologies and Tools: PHP, Laravel, Node.js, Typescript, React, Next.js, SQS, AWS, DynamoDB, Tailwind.

Software Engineer

Gupo Estado, São Paulo, BR – Remote

07/2021 to 12/2021

Core Responsibilities:

- Created and integrated an indexing system with Google API to monitor updates or deletions of news items, avoiding 404 errors and resolving misspelled news tickets.

- Implemented solutions for Google Console errors to improve organic website delivery using PHP and Node.js.
- Designed and built TypeScript bots to purchase products each time deployments were made and uploaded photos to an S3 bucket.
- Worked on war room calls for quick resolutions across the company's systems.

Key Technologies and Tools: PHP, Laravel, Node.js, Typescript, React, Google API, Java, SOLID, PHPUnit

Software Engineer

Gênese Tecnologia e Inovação, São Paulo, BR – Remote

12/2020 to 07/2021

Core Responsibilities:

- I designed and built endpoints in Laravel with TDD and unit tests, achieving 80% code coverage.
- Optimized query performance with indexing strategies and advanced query adjustments, reducing latency and improving response time.
- Optimized system performance by using cron jobs, reducing server costs by over 15% by distributing them to less busy times, and making the system faster.
- Contributed to the database team by creating and designing the entire database and table relationships.
- Integrated with third-party systems to obtain information and generate additional information for monthly reports, saving one week of work.

Key Technologies and Tools: PHPUnit, Laravel, TDD, UnitTests, Node.js, Postgresql.

Software Engineer

Olivas Digital, São Paulo, BR – Remote

04/2019 to 12/2020

Core Responsibilities:

- Designed and developed a system for global gym equipment vendors with currency conversion integrations, sales order generation integrations, and sales commission reporting.
- Implemented integrations with third-party anti-fraud systems, resulting in an 80% reduction in refunds and a 30% increase in revenue.
- Contributed to all types of projects, such as React Native, React, Laravel, Slim, and WordPress, with very tight deadlines and highly dynamic workloads due to working at a marketing agency.
- Designed and built an automated customer onboarding system for a subscription CRM system.
- Designed and built CI/CD pipelines, reducing deployment errors to almost zero.

Key Technologies and Tools: React Native, React, Laravel, Slim, WordPress, AWS, Azure, PHP, Typescript, MySQL.

EDUCATION

Bachelor of System Analysis and Development

Instituto Federal de São Paulo, São Paulo, Brazil

03/2016 to Not finished

Associate Degrees IT Technician

Senac, São Paulo, Brazil

06/2013 to 07/2015

CERTIFICATES/COURSES

Clean Code e Clean Architecture, Branas, Brazil

07/2024

GoStack, Rocketseat, Brazil

10/2020

LANGUAGES

Portuguese: Native.

English: B2.