

Contact

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www.linkedin.com/in/william-bassalobre (LinkedIn)

github.com/bassalobre (Personal)

Top Skills

Retrieval-Augmented Generation (RAG)

FastAPI

LlamaIndex

Languages

English (Professional Working)

Português (Native or Bilingual)

Certifications

iMasters Certified Professional - PHP

Mechatronics Technician

Honors-Awards

II Hackathon Unicesumar

William Bassalobre

Software Engineer | Full Stack Developer | Python, Node.js, React, AWS, AI, RAG, AI Agents

Maringá, Paraná, Brazil

Summary

I am a passionate Software Engineer with over 8 years of experience building scalable and reliable web applications. I specialize in Node.js, React, AWS, and cloud-native architectures, delivering solutions that solve real-world problems with high performance and maintainability.

Throughout my career, I have worked on complex projects for startups and enterprise companies, designing APIs, microservices, and front-end applications. I have hands-on experience with Node and TypeScript, Python, React, Docker, Terraform, and CI/CD pipelines, as well as cloud providers like AWS.

Currently, I am deeply involved in building AI-powered applications, including RAG (Retrieval-Augmented Generation) systems using LlamaIndex and Agno, implementing advanced server architectures with MCP (Model Context Protocol) servers, event-driven microservices, and robust infrastructure.

Beyond coding, I value team collaboration, ownership, clear communication, and continuous learning.

Experience

TAKING

Software Engineer

November 2022 - Present (3 years 3 months)

São Paulo, Brazil

I worked on building a highly efficient and customized internal management platform for one of our clients. I collaborated with the design team in building a highly functional and intuitive Design System, creating reusable and standardized components to ensure scalability and maintainability. Using React JS and Next JS as tools.

Currently, I am deeply involved in building AI-powered applications, including RAG (Retrieval-Augmented Generation) systems using LlamaIndex and Agno, implementing advanced server architectures with MCP (Model Context Protocol) servers, event-driven microservices, and robust infrastructure.

BairesDev

Software Engineer

December 2023 - April 2024 (5 months)

United States

I worked maintaining a system focused on the administration of educational institutions for children, where I was responsible for maintaining and creating new features for the Events module of this platform. I used PHP, Node.js, React.js, and several other frameworks such as Laravel, Lumen, and Nest.js as my daily tools.

Favo

Software Engineer

November 2021 - March 2023 (1 year 5 months)

Lima, Peru

I technically led a team focused on maintaining and engaging users with our application. I actively participated in the development of the application, using various established technologies in the market such as Node.js, Serverless, React.js, and React Native. Additionally, I utilized the AWS platform and its resources, including SNS, SQS, S3, DynamoDB, and AWS Lambda.

EBANX

Software Engineer

May 2021 - November 2021 (7 months)

Curitiba, Paraná, Brazil

I worked as a Software Engineer, specifically in the team responsible for the core system of payment processing. I primarily used the PHP language, but occasionally worked with Node.js and Elixir, as well as React.js for the front end.

Bankfy

Software Engineer

August 2020 - May 2021 (10 months)

Maringá, Paraná, Brazil

I worked with the concept of open banking to integrate financial products available in the market into a single platform. There, I worked as a Software Engineer leading the development team, using PHP, JS, Laravel, Vue.js,

Node.js, and AWS as our main technologies, along with the concept of microservices and Clean Architecture.

Objective Solutions

Full Stack Developer

December 2019 - August 2020 (9 months)

Maringá, Paraná, Brazil

I worked as a Full Stack Developer, using .NET for the back-end and React JS for the front-end, working on an international project focused on intelligent transportation.

DB1 Global Software

Full Stack Developer

September 2018 - December 2019 (1 year 4 months)

Maringá e Região, Brasil

I worked as a Full Stack Developer, working on projects in various sectors, such as CMS development, software for embedded systems, virtual currency platforms, and internal management systems. In most of them, I utilized PHP with Laravel, Vue.js, and some Java with Spring Boot.

UDS Soluções Digitais

Web Developer

August 2017 - September 2018 (1 year 2 months)

Maringá e Região, Brasil

I worked as a Full Stack Web Developer, handling both Back-end tasks with PHP language, utilizing the Laravel Framework, and Front-end development with JavaScript language, using the Vue.js Framework. I participated in various projects including institutional websites, e-commerce platforms, management systems, and CRMs.

Neo Tecnologia da Informação

Product Support

April 2016 - July 2017 (1 year 4 months)

Maringá e Região, Brasil

I worked as a Technical Support, where my responsibilities included assisting users of the company's systems, as well as performing maintenance on a web-based system for document inquiries and requests.

Alltech Rastreamento

IT Support Technician

March 2015 - April 2016 (1 year 2 months)

Maringá e Região, Brasil

I worked as an IT Support, where I was responsible for performing internal maintenance on machines and networks, and providing support to clients of a vehicle tracking system that the company owned.

Education

Unicesumar

Bachelor of Engineering - BE, Computer Software Engineering · (2016 - 2019)

Senai Maringá

Mechatronics Technician, Mechatronics, Robotics and Control and Automation Engineering · (2012 - 2014)