Guilherme Martins

backend Developer

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QUALIFICATIONS SUMMARY

Professional with solid knowledge of software architecture and up-to-date industry practices. Throughout my career, I have actively contributed to the development of web systems and APIs, from conception to implementation and deployment, preferably in agile and collaborative environments.

My technical skills encompass web application development using Node.js, Express.js, and related frameworks, as well as the construction of RESTful and GraphQL APIs. I have experience in implementing both SQL and NoSQL databases such as PostgreSQL and MongoDB. Additionally, I have expertise in Elixir and the Phoenix Framework, focusing on scalable applications. I use tools like Git for version control and incorporate automated testing practices, including unit and integration testing. Moreover, I possess knowledge in containers, orchestration with Docker and Kubernetes, and experience with AWS services.

My specific skills involve JS Stack (React, Node), AWS, Docker, Kubernetes, TDD, Elixir, and GraphQL.

Professional Experience

EmCasa - Software Engineer (Aug/2022 - Nov/2023)

I developed web applications using Elixir, Phoenix Framework, and Ecto. I built both RESTful and GraphQL APIs and worked with both SQL databases (PostgreSQL) and NoSQL databases (DynamoDB). Additionally, I provided maintenance for microservices written in Node.js and Python. I utilized Git for version control and implemented automated testing practices. My work involved containers (Docker), Kubernetes orchestration, and AWS Cloud Services to enhance the scalability and availability of applications. I also incorporated CI/CD practices to ensure the optimal delivery of code. Furthermore, I used Prometheus, Grafana, and CloudWatch to monitor applications in production, ensuring their smooth operation.

Opah IT - Full Stack Developer (Jun/2020 - Aug/2022)

I developed a tourism application structured in microservices. I used React for the frontend, and Node.js, Express.js, Typescript, and related frameworks to build RESTful APIs. I worked with SQL databases (MySQL). I employed Git for version control and implemented automated testing. I gained experience in containers (Docker), orchestration (Kubernetes), and AWS cloud services.

Academic Education

- Federal University of ABC - Bachelor's Degree in Science and Technology (2020 - 2022)
- FIAP - Systems Analysis and Development (2023 - 2025)