

Samir Antoun Freitas Aniz

Software Engineer

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SUMMARY

Fullstack developer and software architect with over 8 years of experience delivering robust and scalable systems for companies in Brazil and abroad. Solid background in both backend (Java, PHP) and modern frontend (React, Vue.js), working across monolithic and microservices architectures. Experienced in cloud and on-premises projects, always focused on code quality, security, and performance. Skilled at translating business needs into clear technical solutions, managing the full development lifecycle from design to deployment.

SKILLS

Proficient: Software Development, Software Architecture, Code Optimization, Design Patterns, PHP, JavaScript, Vue.js, React.js, Linux, GIT, Testing, SQL, No SQL, SOA, Adaptability, Effective Communication, Problem-solving, Teamwork, TDD, BDD, CI/CD, Critical Thinking, MySQL, Postgres, Data Structures, Algorithms, SDLC, Clean Code, Java, Dot Net and Agile

Intermediate: CSS, C, C++, Solidity, Node.js and Python and AWS

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Thoughtworks, (Westchester, Illinois, United States) – Remote

12/2024

Core Responsibilities:

- Developed and integrated multiple microservices, ensuring robust communication (REST/gRPC) and scalable, resilient architectures.
- Established advanced observability practices using Datadog and Honeycomb, significantly reducing detection and resolution time for critical incidents.
- Automated CI/CD pipelines with Docker and GitHub Actions/Jenkins, enabling fast, reliable deployments and rigorous automated testing (TDD/BDD).
- Facilitated effective communication and knowledge sharing across service teams to synchronize efforts and align technical decisions.

Key Technologies and Tools: Java, Spring, React.js, JavaScript, Postgres, Slack, Microsoft Teams, Clean Architecture, TDD, BDD, CI/CD, Docker, GIT and Jira.

Senior Software Engineer

Cambridge, United Kingdom, UK – Remote

07/2024-12/2024

Core Responsibilities:

- Developed and optimized distributed systems for high-performance computation, leveraging Rust for backend efficiency and React for a seamless user interface.

Key Technologies and Tools: Python, Fast API, React.js, JavaScript, Google Cloud, MySQL, Slack, Solidity, TDD, BDD, CI/CD, Docker, GIT and Jira.

Senior Software Engineer

Turno, Hawaii, US – Remote

11/2020 – 07/2024

Core Responsibilities:

- Enhanced web application performance, resulting in a 70% boost in speed and user satisfaction.
- Improved backend efficiency of high-load, problematic API routes, resulting in an 80% faster response speed.
- Increased codebase test coverage from 70% to 100%, enhancing software reliability.
- Optimized database queries, resulting in a 80% reduction in server response times.
- Pioneered the optimization of backend processes, achieving faster response times and superior code quality.
- Revamped legacy codebase with clean code principles and design patterns, enhancing structure and maintainability.
- Implemented advanced security measures to protect against cyber threats and preserve data integrity.
- Create web applications based on the product timeline and business rules.

Key Technologies and Tools: PHP 8, Java, Vue.js 2, JavaScript, MySQL, Slack, Laravel, TDD, BDD, CI/CD, Docker, GIT and Jira.

Software Engineer

Adira, São Paulo, BR – On-site

01/2017 to 10/2020

Core Responsibilities:

- Create web applications based on the product timeline and business rules.
- Directed a team that successfully transitioned to Agile methodology, increasing sprint completion rates by 40%.
- Using Scrum in the project to control work effectively and efficiently, leveraging teams that work towards a common goal.
- Application management on AWS, to maintain a safe and low-cost environment.

Key Technologies and Tools: PHP 7, Dot Net, Laravel, TDD, JavaScript, Vue.js 2, GIT and Slack.

EDUCATION

Bachelor of Computer Science

University Anhembi Morumbi, SP, Brazil

01/2016 to 12/2019

- **Relevant coursework:** Data Structures and Computer Architecture

CERTIFICATES/COURSES

BEHAVIOR DRIVEN DEVELOPMENT, Alura, Brazil 09/2020

PHP: CLEAN ARCHITECTURE, Alura, Brazil 09/2020

Test-driven development, Alura, Brazil 09/2020

DESIGN PATTERNS, Alura, Brazil 08/2020

SOLID, Alura, Brazil 08/2020

Scrum Foundation Professional Certificate (SFPC), CertiProf, Brazil 06/2020

Oracle Database Foundations Certified Junior Associate, Oracle, Brazil 06/2019

LANGUAGES

Portuguese: Native

English: Fluent