

Alexandre A. Estevam Jr.

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SUMMARY

Software Engineer with over 5 years of experience developing innovative and scalable cloud projects. Strong expertise in backend development. Proficient in Node.js, Java, Google Cloud Platform (GCP), and various other technologies. Focused on delivering high-quality products.

EXPERIENCE

Software Engineer and Tech Lead

Going2 Tech

April 2019 – August 2024, Sorocaba, SP

- Led development teams in various projects, creating cloud architectures and implementing solutions.
- Developed and deployed backend, frontend, and mobile applications across multiple projects.
- Introduced new technologies and methodologies to enhance software quality and maintainability, such as Refactoring, Design Patterns, Event-Driven Architecture, CI/CD, Pair Programming, and Automated Testing.
- Reduced infrastructure costs by 40% through optimizations in resource allocation, autoscaling, and storage.

MAIN PROJECTS

Footbao – A football social network platform

Going2 Tech

- Designed the system's architecture using various Google Cloud services, such as GKE (Kubernetes), Cloud Run (Serverless), and Cloud Pub/Sub (Messaging).
- Contributed to backend development, implementing an event-driven architecture to improve scalability and maintainability.
- Used messaging services to integrate components, applying distributed systems principles for scalability, decoupling, and resilience.
- Acted as a technical leader, proposing solutions and actively participating in Scrum ceremonies.
- Optimized video playback with HLS, enabling adaptive streaming for different internet speeds.

Carrorama – Fleet management platform with telemetry and real-time integration

Going2 Tech

- Implemented a Java server for real-time communication with devices using a custom protocol built on TCP.
- Modernized the codebase, introducing Spring Boot and Netty frameworks to improve maintainability and performance.
- Optimized server performance, reducing CPU usage from 100% to less than 10%, significantly increasing efficiency.
- Maintained and developed new features, such as a geofence alarm.

Greeko – A personal trainer appointment booking app

Going2 Tech

- Implemented real-time chat in the backend using NestJS, Socket.io, and Redis for horizontal scalability.
- Conducted a significant code refactor to improve project maintainability.
- Developed the registration flow with social media-integrated authentication, enhancing the user experience.
- Automated email notifications and implemented CI/CD pipelines, accelerating development cycles and increasing deployment reliability.

MyProfuse – Gamified platform designed to educate and promote products about beauty and skincare

Going2 Tech

- Implemented an event-driven architecture to ensure system scalability and adaptability to changing requirements.
- Developed most of the backend, including high level system design, data modeling, and API development.
- Contributed to the development of the admin dashboard frontend using React.js.
- Designed and implemented key features such as points management, rewards, user control, and skincare routine management.

EDUCATION

Bachelor of Computer Engineering

Facens University Center

Sorocaba, SP, 2022

SKILLS

Programming Languages & Frameworks: JavaScript, TypeScript, Node.js, Nest.js, Java, Spring Boot

Frontend Development: React, React Native

DevOps & Cloud Services: Docker, Kubernetes, Google Cloud Platform (GCP), CI/CD

Databases: MySQL, PostgreSQL, MongoDB, Redis

Architectural Practices: Microservices, Event-Driven Architecture