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Top Skills

Generative AI
Amazon Web Services (AWS)
Back-End Web Development

Languages

Portuguese (Native or Bilingual)
English (Full Professional)

Certifications

Git and Github
Agile Practices: the day-to-day in an
Agile environment.
Design Patterns
OWASP Top 10 - Language
Agnostic
Michigan English Test - C1

Kleiton Barone

Senior Software Engineer @ Compass Uol | Backend, Node.js,
TypeScript, AWS Specialist | Distributed Systems | English C1
São Paulo, Brazil

Summary

I'm a Senior Software Engineer focused on backend and distributed systems, with 6+ years of experience building products in payments, e-commerce, and healthcare. I currently work at Compass UOL on an international client engagement, collaborating in English with a distributed team. I specialize in Node.js, TypeScript, and AWS. I have designed and maintained microservices serving more than 1 million active users, built serverless and containerized workloads with AWS Lambda and Amazon EKS, and delivered payment features that increased revenue by more than 100%. My experience includes PostgreSQL, DynamoDB, MongoDB, Kafka, SQS, API Gateway, Cognito, automated testing, Domain-Driven Design, and Clean Architecture. I focus on systems that are reliable, maintainable, and safe to change. I also served as Tech Lead for six months, guiding technical decisions, reviewing designs and code, coordinating delivery, and supporting other engineers while remaining hands-on. I use generative AI in my engineering workflow to explore unfamiliar codebases, prototype solutions, improve tests, and shorten feedback cycles. I keep architecture, security, and production decisions under engineer review. I have C1 English proficiency and work comfortably across engineering, product, and client teams. Looking to add my expertise to more projects and make a positive change in the world.

Experience

Compass.uol

6 years 9 months

Senior Software Engineer

March 2022 - Present (4 years 7 months)

São Paulo, Brazil

Currently assigned to an international client, building and maintaining backend systems while collaborating in English with a distributed engineering and product team.

- Designed and implemented a configurable data-deletion system that applies jurisdiction-specific erasure rules, supporting GDPR and other regional privacy requirements across multiple markets.
- Designed and delivered new payment options end to end, increasing product revenue by more than 100%.
- Architect and maintain a microservices ecosystem serving more than 1 million active users. The platform runs Node.js and TypeScript services on AWS Lambda for lightweight workloads and Amazon EKS for compute-intensive processing.
- Built financial services using Domain-Driven Design and Clean Architecture, with AWS DynamoDB, Cognito, API Gateway, and SQS.
- Maintained 100% automated test coverage across unit, integration, and end-to-end suites, supporting reliable changes to critical financial workflows.
- Served as Tech Lead for six months, guiding technical decisions, reviewing designs and code, and coordinating delivery for a five-person engineering team while remaining hands-on.
- Use generative AI as part of my engineering workflow to explore unfamiliar codebases, prototype solutions, improve automated tests, shorten feedback cycles and speed up development, while keeping architecture, security, and production decisions under engineer review.

Software Engineer

August 2020 - March 2022 (1 year 8 months)

São Paulo, Brazil

- Maintained and improved an existing e-commerce platform while designing and delivering a RESTful API for mobile applications. This enabled mobile access without disrupting the web platform and supported growth in adoption and revenue.
- Designed and deployed a serverless BFF using Node.js on AWS Lambda, with Redis for caching and PostgreSQL for persistence. This shortened mobile feature delivery and reduced backend overhead.

- Built a highly available medical data processing platform using NestJS, Node.js, Kafka, and Amazon EKS, with effectively zero downtime. Added monitoring and alerting through Elasticsearch and Kibana to provide real-time visibility and support faster incident response.

Junior Software Engineer

January 2020 - August 2020 (8 months)

São Paulo, Brazil

- Built a React-based e-commerce frontend from the ground up, delivering a fast user experience and shortening time to market.
- Integrated the frontend with Magento APIs for product catalogs, shopping carts, and multiple payment gateways, supporting flexible and scalable deployments.

Centro Universitário de Jaguariúna - UniFAJ

Information Technology Support Analyst

May 2018 - October 2018 (6 months)

Greater Campinas

- Provided technical support for computer installation, maintenance, troubleshooting, and network-related issues.

Education

Centro Universitário de Jaguariúna - UniFAJ

Bachelor's degree, Computer Science · (2018 - 2021)

ETEC - Escola Técnica Estadual de São Paulo

Associate's degree, Information Technology · (2015 - 2017)