Gustavo Gardusi

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Work Experience

Amazon Web Services (AWS) São Paulo, SP, Brazil
Software Development Engineer II *Nov 2024 – Present*

- Launched the Skill Builder public profile from Figma to production. Built a responsive UI using Next.js and Tailwind CSS, and implemented LinkedIn sharing with server-side meta tag injection across micro frontend boundaries.
- Extended an internal tool for the Training and Certification team to support async workflows and new in-game assets (NPC messages, diagrams, metadata). Built with React (CloudFront), Java/Python microservices (API Gateway, Lambda, DynamoDB), SQS-based processing, and CDK-managed infrastructure.

Orkes Cupertino, CA, USA (Remote from Brazil)
Software Engineer *Jan 2022 – Jul 2023*

- Created and maintained SDKs for Conductor — a microservice orchestration platform originally open-sourced by Netflix — in Python, Go, Java, C#, and JavaScript. Delivered core features, tests, documentation, and usage examples.
- Worked directly with enterprise customers to design and implement SDK features, providing hands-on support to unblock the company's largest client. Designed a batch-processing and parallel-worker model that improved task throughput and reduced average workflow latency by 20%.

Amazon.com.br São Paulo, SP, Brazil
Software Development Engineer II *Apr 2021 – Jan 2022*

- Enabled seller onboarding for Fulfillment by Amazon (FBA) by implementing state-specific invoicing rules across Java microservices. Delivered new APIs and extended existing ones to comply with Brazil's diverse tax regulations.
- Integrated a load-testing step into the CI/CD pipeline to block underperforming builds, simulating traffic based on historical usage patterns. Distributed requests according to real production API hit ratios (e.g., 80% concentrated on the top three endpoints), enabling realistic stress testing and accurate host scaling ahead of Black Friday 2021.

Beyond São Paulo, SP, Brazil
Software Engineer *Aug 2019 – Apr 2021*

- Designed and implemented a high-frequency trading engine in C++ with Boost, colocated near the B3 stock exchange to minimize latency. Processed millions of daily orders using WebSocket and FIX, generating significant revenue through speed-sensitive strategies.
- Built a matching engine simulator that maintained a book of orders, executed trades, and reproduced exchange-like behavior for strategy debugging and validation. Developed Java APIs for ingesting market data and Python ETL pipelines that transformed it into datasets stored in S3. Enabled multi-day strategy simulations and generated performance reports with actionable recommendations based on historical results.

Awards (Competitive Programming)

- **Meta HackerCup:** 3× Top 2,000 globally (T-shirt winner); best rank: 1,250th.
- **Codeforces / CodeChef:** First Division (Top 10% globally).
- **ICPC:** 4× Latin America finalist. Best placement: 16th of 1,000+ teams.

Academic Background

? University Vancouver, BC, Canada (Remote)
Bachelor of Science in Computer Science *Expected 2025 – 2030 (in progress)*

- Pursuing an accredited program while working full-time.