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Professional Summary

Software Engineer with experience in backend development using Golang and Node.js (TypeScript / bun.js). Works on the design and implementation of distributed, scalable, high-performance systems, with a focus on real-time processing, microservices, and event-driven architecture.

Hands-on experience with messaging systems (Amazon SQS, Kafka), observability, and DevOps (CI/CD, Docker, Kubernetes, AWS), working on game systems and data platforms. Strong focus on software architecture and engineering best practices (SOLID, Clean Code, Design Patterns).

Skills

- **Languages:** Golang, Node.js, Java, Python, JavaScript/TypeScript

- **APIs & Protocols:** RESTful, gRPC, HTTP

- **Architectures:** Microservices, Serverless, Event-driven, Distributed Systems

- **Messaging Systems:** Kafka, Amazon SQS, EventBridge

- **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB, Redis

- **Cloud & DevOps:** AWS (Lambda, EC2, RDS, etc.), Docker, Kubernetes, CI/CD

- **Architecture Principles:** Clean Architecture, DDD, SOLID, Design Patterns

- **Quality & Testing:** TDD, Unit/Integration/Stress Testing, Observability

- **Methodologies:** Scrum, Kanban, Agile

Work Experience

Back-end Develop

Inside Code – Remote | Belo Horizonte, Brazil
Jun 2024 – Present

- Work on **AWS serverless architectures** using **API Gateway, Lambda, DynamoDB, RDS, S3, EC2, SQS, EventBridge, Firehose, VPC, and Route 53**.

- Development and modernization of **application servers and game servers** in **Go (Golang)**, adopting **event-driven architecture** for **real-time processing**.

- Implementation of **robust backends** and **RESTful APIs** using **Golang and Node.js**, integrated with **multiple distributed services**.

- **User state and session management** with **Redis**, enabling **high availability** and **seamless mobility across servers**.

- Implementation and use of **PostgreSQL (RDS)** for **relational data** and **DynamoDB** for **user management** and **high-scale data**.

- Orchestration of **asynchronous processing** and **distributed queues** with **Amazon SQS and EventBridge**.

- Creation of **data pipelines** and a **data lake** using **Firehose and S3**, collecting **match events, logins, and user actions** for **metrics and internal consumption**.

- Production of **UML diagrams**, **database modeling**, and definition of **integration flows between microservices**.

- Application of **advanced software engineering practices**, including **unit testing, integration testing, and load testing**.

Full Stack Develop

Rizzo Dev – Brasília, Brasil

Jan 2023 – Jun 2024

- Development and evolution of **responsive web applications** using **React and Next.js**, with a strong focus on **dashboards** and **real-time data visualization**.

- Construction of **backend systems** based on **microservices architecture**, integrated via **API Gateway**, using **Node.js + TypeScript** for **user management**, **strategy creation**, and **live data webhook consumption**.

- Implementation of services in **Go (Golang)** for **real-time data processing**, **strategy comparison**, **historical accuracy calculation (backtesting)**, and **notification delivery**.

- Development of **web scraping** in **TypeScript** for **data collection, normalization, and processing** of **public data related to NFTs (Ethereum) and tokens**, including **meme coins**.

- **Performance and latency optimization** using **Redis** for **caching** and **concurrent processing**.

- Fully **containerized environment** using **Docker** and **CI/CD pipelines** for **automated build, testing, and deployment**.

Education

• **Postgraduate Degree (MBA) in Full Cycle Architecture – Full Cycle | Jan 2025 – Jun 2026** (in progress)

• **Associate Degree in Systems Analysis and Development – Catholic University of Brasília | Mar 2022 – Nov 2023**

Soft Skills

• **Teamwork • Problem-solving • Adaptability • Communication • Attention to detail • Proactivity**