

# GILMAR RIBEIRO SANTANA

[GitHub](#) | [LinkedIn](#) | [gilmar.ribeiro.santana@gmail.com](mailto:gilmar.ribeiro.santana@gmail.com) | 55 21 993517302 | São Gonçalo, RJ - Brazil

## SOFTWARE ENGINEER

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Software Engineer with 5+ years of experience delivering backend and enterprise software solutions across LegalTech, EdTech, and HealthTech domains, building scalable, reliable, and high-impact platforms. Experienced in system architecture, distributed systems, CI/CD pipelines, and observability, with a proven ability to modernize legacy applications and align software solutions with business objectives.

## TECHNICAL EXPERTISE

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C# | .NET Framework | ASP.NET Core | MVC | Web Forms | Razor Pages | Blazor | REST APIs | Angular | Bootstrap | SQL Server | Oracle | MySQL | MongoDB | Linux | Docker | CI/CD | RabbitMQ | Grafana | Azure | AWS | Microkernel Architecture | Event Sourcing | Clean Architecture | Distributed Systems | SOLID | DDD | Ethereum | Smart Contracts

## WORK EXPERIENCE

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**Software Engineer** - *Elaw Technology* | [Company Link](#)

*January 2025 - Present*

- Develop and maintain backend services and system integrations connecting internal platforms and third-party APIs within a LegalTech environment.
- Modernize legacy backend services by migrating Windows-based .NET console applications to .NET Long-Term Support (LTS), improving maintainability, deployment consistency, and long-term stability.
- Design and implement API-based services and containerized workloads using Docker to support reliable execution across development and production environments.
- Implement observability and monitoring using Grafana, enabling centralized logging, real-time visibility into system health, and faster incident detection.
- Build and maintain automated CI/CD pipelines in GitLab to streamline build, testing, and deployment workflows.
- Support production stability through troubleshooting, incident analysis, and collaboration with engineering and infrastructure teams to improve system reliability.

**Software Engineer** - *Senac* | [Company Link](#)

*October 2023 - January 2025*

- Develop and maintain backend and web-based enterprise applications supporting internal operations and external B2B clients in a high-volume, data-driven environment.
- Analyze complex business and operational requirements in collaboration with cross-functional stakeholders and translate them into scalable, high-performance backend solutions.
- Design and implement a custom reporting platform to automate student attendance data processing, eliminating manual workflows that previously required over 40 hours per reporting cycle.
- Build automated data processing and reporting pipelines, significantly improving operational efficiency, data accuracy, and turnaround time for internal teams and external clients.
- Implement role-based access control (RBAC) to ensure secure, compliant, and auditable access to sensitive operational data.

**Software Engineer** - *Eco Sistemas* | [Company Link](#)

*June 2021 - October 2023*

- Develop and maintain backend systems supporting healthcare operations across primary care clinics and hospital environments within regulated HealthTech platforms.
- Ensure data integrity, secure data flow, and platform reliability across distributed systems handling sensitive healthcare information.
- Collaborate with Product Owners and cross-functional engineering teams to analyze requirements, prioritize technical backlogs, and deliver scalable backend solutions aligned with clinical and operational needs.
- Support operational continuity by diagnosing performance issues, improving backend stability, and contributing to secure, compliant system behavior in production environments.

## ENTREPRENEURIAL EXPERIENCE

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**Co-Founder – Datatech Telecom** | [Company Link](#)

*November 2013 - August 2019*

Co-Founded Datatech Telecom, a technology services firm providing telecommunications, electronic security, and electrical solutions to enterprise clients, with responsibility for technical delivery, operational execution, and alignment between technical solutions and business objectives.

## EDUCATION

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**Lato sensu Graduate Course in Software Engineering for Applied Artificial Intelligence** *(expected) April 2027*

**Lato sensu Graduate Course in Software Architecture and Solutions** *December 2024*

**Associate of Applied Science in Programming and Systems Analysis** *December 2023*

## LANGUAGE

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**Languages:** Portuguese - Native | English - Advanced