# Diego Sogari

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Porto Alegre, RS, Brazil

Backend developer with 8 years of professional experience, helping companies like Nelogica and HP transform people's lives through technology.

## Education

| 2007 – 2014 6 years | **Computer Engineering** Bachelor's degree | **UFRGS** Porto Alegre, RS, Brazil |
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## Employment

| 2020 – 2022 21 months | **Software Developer** Electronic trading systems • Delphi, Golang, Java, Python, gRPC, Terraform, Kubernetes, AWS | **Nelogica** Porto Alegre, RS, Brazil |
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- Developed an asynchronous gRPC library for Delphi, which enabled the integration of a legacy backend service with recent technologies.
- Evaluated the viability of using Kubernetes and Terraform in an AWS cloud environment, for the purpose of modernizing some backend services.
- Developed a Golang service for remote configuration of other backend services, instrumenting it through cloud-native observability technologies, such as OpenTelemetry.
- Enabled the extraction of quality metrics for Delphi code, by extending a SonarQube Java plugin and integrating it with our CI pipelines.

| 2019 – 2020 12 months | **Software Developer** Order management system • Delphi, SQL, WebSocket, Kafka | |
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- Developed an Apache Kafka client library in Delphi, for the purpose of consuming financial information topics published by a US exchange.
- Developed an egress gateway in Delphi for financial information exchange, which enabled the redundancy of backend services, improving their reliability.
- Developed a WebSocket library in Delphi with support for binary messages, which improved the performance of the connection between home brokers and backend services.

| 2018 7 months | **Software Developer** Remote graphics software • C++, Qt, Nvidia, CUDA | **HP Inc** Porto Alegre, RS, Brazil |
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- Fixed dozens of RGS defects and enabled documentation generation for C++ code.

| 2017 – 2018 16 months | **Software Developer** Automated teller machine • C++, CEN/XFS | **DBServer** Porto Alegre, RS, Brazil |
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- Developed a mock library in C++ for the emulation of ATM devices and test automation.

| 2014 – 2017 30 months | **Software Developer** Precision agriculture system • C++, SQLite, GDAL | **Falker** Porto Alegre, RS, Brazil |
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- Developed the core library of the company's chief software product, in C++.

| 2012 – 2013 16 months | Software Developer Market data feed • Delphi, SQL, SOAP, ADO, WSDL | Nelogica Porto Alegre, RS, Brazil |
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