Vicente González

Software Backend Engineer

HERE'S MY STORY:

I am a quick learner, hard-working, ambitious person, motivated by goal achievements, and having a multi-perspective approach towards a situation. Nothing provides me with more satisfaction than contributing to a project's success.

WORK EXPERIENCE

NomuPay
SENIOR SOFTWARE BACKEND ENGINEER
JANUARY 2022 - PRESENT

Designing and implementing a unified payment gateway from scratch, including more than 20 payment methods belonging to different countries in APAC and Europe, being used as a payment gateway for other major payment gateways, high availability, high processing capacity, and resilience were indispensable requirements.

Some of the systems implemented to complete the payment gateway are an ETL system, indexing the transactions with elastic, a webhooks system to notify the client, and a web portal to display the transactions to the clients. All these components have been implemented using DDD and event-driven architectures, in fully dockerized environments deployed on Kubernetes clusters.

- Core technology: K8s, Docker, .Net Core, Dapper, PostgreSQL, CosmosDB, Kafka, GitHub Actions, Hangfire, Orleans,
- Core testing technology: k6, Cypress, Jest, XUnit, NSubstitute, and Fluent Assertions.
- Core monitoring technology: Grafana, OpenTelemetry and SonarQube.

Payvision
SOFTWARE BACKEND ENGINEER
MARCH 2020 - JANUARY 2022

Working on developing and maintaining high-availability solutions focused on payments area, in distributed environments using good practices such as TDD and SOLID. Some of the highlights include the integration of new payment methods such as iDeal, Paypal, Klarna, and others and the implementation of a card tokenization system, with automatic rotation and revocation of cryptographic keys focused on passing PCI certification.

- Core technology: .Net Core, Dapper, MS SQL Server, Azure DevOps.
- Core testing technology: k6, Cypress, XUnit, NSubstitute, and Fluent Assertions.
- Core monitoring technology: Splunk, OpenTelemetry, and NLog.

Wolters Kluwer
SOFTWARE ENGINEER
JUNE 2017 - MARCH 2020

Working on developing and designing architectures for web applications and REST APIs focused on legal areas, applying TDD, and integrating monitoring tools for those applications.

- Core frontend technology: Vue.js, Blazor, and Razor.
- Core backend technology: .Net Framework, Net Core, WCF, MS SQL Server, Oracle, and Entity Framework.
- Core testing technology: Selenium, NUnit, and RhinoMocks.

Frutas Nene
FREELANCE

Development of customized applications based on .NET for internal management, identification troubleshooting of physical and network infrastructure problems, and internal applications maintenance.

EDUCATIONAL INFO

University of Extremadura
DEGREE IN SOFTWARE ENGINEERING

- Graduation Date: June 2017,
- Honors: Web Development, Database Design and Administration, and Database Development,
- Academic record: 7.65 out of 10,

University of Parma
INTERNATIONAL COURSE IN SOFTWARE ENGINEERING

- Attended the academic year 2015/2016
- Honors: Software Engineering and Computer Architecture.
- Academic record: 8.56 out of 10,

TECHNICAL SKILLS

- Strong solid principles, design patterns, and OOP knowledge.
- Strong knowledge of data structures, how to use them efficiently and when to use them.
- Strong knowledge of building systems where there is a high degree of concurrency in distributed systems, with self-healing mechanisms to minimize the impact on clients in cases of failures.
- Experience in microservices design based on Event-Driven-Architecture and Domain-Driven-Design, with patterns such as CQRS, Outbox, and Saga.
- C# is my language par excellence and where I feel comfortable.
- As alternative languages that I use to facilitate my day-to-day work with some tools, it is python, javascript and some scripting with powershell.
- My main backend framework is .NET, and as a frontend, I have been working with Blazor, Razor and Vue.js in my first company, but lately, the only framework that is fresher to me is React.
- With database engines, I have no predilection, I have worked with both relational databases such as PostgreSQL and SQLServer and non-relational databases such as Cosmos or MongoDB.

LET'S CHAT:

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