



# Scarlet Rose

## Senior Software Architect

Experienced software engineer focused in the development of tools, libraries, scalable applications and generalist development. Strong background in performance critical operations, scalable infrastructures and consistent delivery.

**Github:** <https://github.com/scarletquasar>

**LinkedIn:** <https://www.linkedin.com/in/scarletrose/>

## Contact

### Phone

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### Email

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### Address

São Paulo, SP, Brazil

## Education

2022

**Information Systems**

Bachelor

## Expertise

- Project architecture
- Fullstack development
- Libraries and utility development
- Legacy restoration and maintenance
- Exploratory and meaningful testing
- Performance and optimization

## Language

English - Fluent

Portuguese - Native

## Experience

### October 2022 - Now

Popstand Inc. | Los Angeles, California, Remote

#### Head of Software Architecture

Working on an alpha radiation management system that controls the measurement process, from raw data to the information displayed in official report documents. I serve as the primary technical voice in decisions that have a significant impact on the project's overall direction, and I directly communicate with the client to provide optimal solutions to their problems and requirements.

As a full-stack head of software architecture, I offer guidance in the technical decisions for all their projects, including the web portal, desktop application, mobile application, and store. I also oversee the deployment process for each release, ensuring that no issues such as production outages or bugs occur.

C# · .NET Core · ASP.NET · Docker Compose · ASP.NET Core · ASP.NET MVC · Docker · React.js · Entity Framework

### March 2022 - October 2022

REPAY - Realtime Electronic Payments | Atlanta, Georgia, Remote

#### Senior Software Engineer

Responsible for maintaining the main payments portal, fixing bugs, thinking about and implementing new core features and making reports to improve the ecosystem reliability. Also worked on creating new tooling features to ease the team's work with the current company tool set.

.NET Core · ASP.NET · Windows PowerShell · Datadog · Sonarqube · Sentry · ASP.NET MVC · Docker · Node.js · Razor do ASP.NET

### December 2021 - March 2022

Triangulos Tecnologia | São Paulo, Brasil, Remote

#### Senior Software Engineer

Maintained and wrote new features to a solar energy data system. Worked with a serverless stack creating tools like web crawlers, utility AWS lambdas and internal development wikis.

.NET Core · ASP.NET · Windows PowerShell · Datadog · Sonarqube · Sentry · ASP.NET MVC · Docker · Node.js · Razor do ASP.NET

## January 2021 - December 2021

hubxp | São Paulo, Brasil, Remote

### Software Engineer

- Guided technical decisions about reworking a legacy bank management application in the fullstack context, solved bugs and configured a deployment environment. Wrote technical documents about the rework and had conversations with the client to decide the product pipelines.

- Participated on the product squad of a B2B delivery application, creating new core features like real-time GPS map, optimized push notifications and refactored legacy services gaining a 5s+ http request time in all endpoints.

JavaScript · C# · .NET Core · ASP.NET · Entity Framework · NodeJS · Express.js · NestJS

## June 2020 - December 2020

Mirae Asset Global Investments | São Paulo, Brasil, Remote

### Software Engineer

Worked to the investments company fixing production bugs in the new microservices and maintaining legacy code in order to migrate in the future. Participated in technical decisions like the objective of new microservices, definition of the next tech stacks to be worked on and business rules to be used in the program.

C# · .NET Core · ASP.NET · MediatR · ASP.NET MVC · Dapper · SQL · PostgreSQL · Banco de dados Oracle · Entity Framework

## December 2019 - June 2020

Zeus Automação | Itabaiana, Sergipe, Brasil

### Software Engineer

Maintained an desktop ERP ecosystem widely used by regional supermarkets, malls and convenience stores. Wrote technical documentation, designed report templates, studied fiscal operations and worked with monetary values and sales management.

C# · .NET Core · Windows Presentation Foundation (WPF) · Fast Reports · Entity Framework

## April 2018 - December 2019

7AZ Instant Payments | São Paulo, Brasil, Remote

### Software Engineer

Maintained a monolithic system of instant payments made in ASP.NET. Participated in technical decisions like the target technologies to be used in the core - charges, subscriptions, emails and SMS. Wrote documentation, Razor template models and browser extensions focused on creating the better B2B experience.

JavaScript · C# · .NET Core · ASP.NET · ASP.NET MVC · CSS · Razor do ASP.NET · HTML5

## February 2016 - April 2018

Governor Roberto Santos College | Paripiranga, Bahia, Brasil, Remote

### Software Engineer

Worked with Windows systems building a real-time LAN slideshow/file sharing program to be used in the school computers. Created automation scripts with VBScript and Batchscript to ease the teachers work and maintained all the projects for years.

C# · .NET Core · Batchscript · VBScript · Active Server Pages (ASP) · Visual Basic .NET