

Vinicius Pires da Silva

Mid-level Software Developer · **Backend & Fullstack .NET**

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6 years

at Símix, from support
to mid-level III

800+

pull requests merged

650+

code reviews

2,300+

commits shipped

2 stores

app on Google Play
and the App Store

SUMMARY

C# .NET developer who started in customer support at Símix Sistemas and grew to a mid-level III role, self-taught straight from the documentation. I work from the database to the UI on a **multi-tenant SaaS platform** for time and attendance (**ABP Framework, Blazor, PostgreSQL and Azure**) and on the **.NET MAUI time-clock app** published on Google Play and the App Store. I care about performance, automated tests and automating whatever repeats. In my free time, I build the tools I use myself.

EXPERIENCE

Símix Sistemas time and attendance software · Canoas, Brazil

Jan 2020 – present

Intern 2020 → QA 2021 → Implementation 2021 → Junior 2023 → Mid I 2024 → Mid II 2025 **Mid III Aug 2026**

Símix Ponto Cloud, SaaS platform Nov 2024 – present

- Full-stack work on **ABP Framework 10 / .NET 10, EF Core with PostgreSQL and Blazor**: timesheets with parallel PDF generation and e-signature receipts, payroll export, a manager panel with batch and two-step approvals, work schedules, documents, and alerts by e-mail, Teams and the app.
- Carried out the front-end migration from Blazor Server to WebAssembly** in phases: per-page render modes, static HTTP proxies with drift tests, and trimming. The bundle went from **39 MB to 16 MB** (brotli) across 62 routes.
- Offline clock-in with a **PWA** and service worker, background jobs with **Hangfire**, real-time updates with **SignalR and Redis**, and **Azure** integrations (Blob Storage, AI Vision Face, Maps, Application Insights).
- Wrote about **70 test files** (xUnit, Shouldly, NSubstitute, bUnit and **Playwright**) that run in the deployment pipelines to Azure App Service, along with health checks.

Símix Ponto app · .NET MAUI Oct 2023 – present

- The app already existed when I joined; **since 2024 I have been driving its development**, and in 2025 I redesigned the UI to match Símix Ponto Cloud. **Online and offline** clock-in with sync (SQLite), **GPS and geofencing**, **face recognition with Azure Face**, biometrics and kiosk mode.
- Took over the iOS version**: the app only ran on Android and Windows, and I did the port, the testing and the **App Store** release.
- Face verification** per user, in kiosk mode and also validated on the server; an **employee panel** in the app with the days of the period, adding a missing punch, timesheets, documents and signatures.

Reporting, calculation and legacy systems Sep 2023 – present

- Internal **reporting and dashboard** library in Blazor (MudBlazor, SkiaSharp, Dapper) shipped as a NuGet package; cut the timesheet PDF from **1.2 MB to 80 KB** with font subsetting.
- Took part in migrating the legacy VB6 system to .NET**: rules moved into the working-hours and payroll calculation engine in **VB.NET** (hour bank, shifts, payroll export and tax files, with automated tests) and into the Cloud platform in C#.
- Windows Service for the legacy PcPonto product in VB.NET (.NET Framework, WCF, Quartz), including cloud sync, plus **T-SQL** scripts, views and stored procedures on SQL Server.

EXPERIENCE · BEFORE DEVELOPMENT

- Implementation and quality assurance** · deployed the system at customers with heavy SQL Server work, validated releases and tested before delivery
- Feb 2021 – Aug 2023
- Support intern (L1)** · customer support, networking and setup of biometric time clocks
- Jan 2020 – Jan 2021

PERSONAL PROJECTS

Banditboard

banditboard.suiciniv.dev ↗

Claude Code and Antigravity limits on a spare Android phone on the desk, on the iPhone, on the Apple Watch or in a widget on Windows and Mac, starring Racco, a pixel-art raccoon. Usage comes from Claude Code itself on the PC, through a hook that runs /usage, with no token on the phone; the pairing key is encrypted with **AES-256-GCM and the Android Keystore**. Open source (MIT), with GitHub releases, its own website and docs in English and Portuguese.

Kotlin

Jetpack Compose

Compose Desktop

Swift

AES-GCM · Keystore

Cloudflare

Senna

My Windows assistant: a daily dashboard and alerts when a PR needs review, a new issue, a merge, a meeting, a reminder, rain or a Claude limit. It keeps Claude Code's memory, with the decisions, the reasons and where it stopped, read back in the next session.

C#

.NET 10

WinUI 3

SQLite

Local API

Toca

My Windows dock, in place of the taskbar: live window thumbnails and Banditboard's Racco walking along the bar, with Claude Code usage and Senna's alerts instead of Windows notifications.

C#

.NET 10

WinUI 3

Win32 · DWM

ControlSensors HUD

GitHub ↗

Real-time monitoring HUD for secondary screens and PC cases: CPU, GPU, memory, storage, weather and audio, right on Windows. Open source.

C#

WPF

.NET

Hardware sensors

SKILLS

LANGUAGES	C#, VB.NET, SQL (T-SQL and PostgreSQL), Kotlin, Swift, Python, JavaScript, HTML and CSS; reading and maintaining VB6
BACKEND	.NET 7 to 10, ASP.NET Core, ABP Framework (DDD, multi-tenancy, OpenIddict), EF Core, Dapper, Hangfire, SignalR, Refit, Polly, Serilog, REST APIs, WCF
FRONT-END	Blazor (Server and WebAssembly, MudBlazor, Blazorise), .NET MAUI (MVVM Toolkit, SQLite, native features), PWA, WPF, WinUI 3, Jetpack Compose
DATA AND CLOUD	PostgreSQL, SQL Server, Redis, SQLite; Microsoft Azure (App Service, Blob Storage, AI Vision Face, Maps, SignalR, Application Insights)
QUALITY AND DEVOPS	xUnit, Shouldly, NSubstitute, bUnit, Playwright; GitHub Actions, Azure DevOps, Git, NuGet packages on GitHub Packages, releases to Google Play, the App Store and the Microsoft Store
DAY TO DAY	Code review, Blazor WebAssembly performance, PDF and Excel generation, AI-assisted development (Claude Code)

EDUCATION AND LANGUAGES

Self-taught · learned from the official documentation (Microsoft Learn) and hands-on work, focused on Clean Code, SOLID and design patterns.

Undergraduate studies · not completed

Alura · Application Security track; Network Administrator track

Portuguese · native

English · professional working proficiency; fluent reading and writing for code and documentation

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2 / 2