

# Lucas Cavalcante da Silva

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## Summary

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Software developer with experience building automation tools and applications across Python, Flutter, C#, Java, and Kotlin.

## Skills

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- **Languages:** Python, C#, Dart, Java, Kotlin, Typescript
- **Backend:** ASP.NET Core, Spring Boot, FastAPI
- **Frontend:** HTML, CSS, Tailwind, Vue.js, Svelte
- **Databases:** PostgreSQL, MySQL, SQLite
- **Testing & Automation:** JUnit, xUnit, Playwright, Selenium
- **DevOps & Tools:** Git, GitHub, Docker, Hostinger, Dokploy, Postman

## Professional Experience

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### Python Developer - Automation

Aug 2024 – Dec 2025

Future Publishers Group

Remote

Designed and developed a Python CLI tool to fully automate internal document processing, data ingestion, and messaging pipelines, reducing manual labor for employee by around 90%.

- Used Google Sheets API to retrieve and analyze data from a spreadsheet
- Used Playwright for webscraping to fetch and download PDF files from different sources.
- Processed the downloaded PDFs with MuPDF and an LLM, converting unstructured text into clean JSON objects.
- Used Playwright to automatically send emails using the generated JSON data.
- Updated the spreadsheet automatically with execution metrics and timestamps.

### Freelance Android Developer

Mar 2023 – Aug 2024

Freelance

Remote

Developed Android applications focused on media and text content aggregation, primarily using Flutter and Dart.

- Built a wallpaper gallery app utilizing external APIs
- Built a webnovel reader app featuring EPUB file parsing and local rendering.
- Designed offline caching and progress tracking to save reading progress and user favorites.
- Implemented asynchronous image loading and file downloading for offline media consumption.
- Rebuilt apps using Kotlin and Jetpack Compose, mainly to practice native Android development.

### RPA Developer

Feb 2021 – Aug 2022

Gumini Tecnologia

Remote

Maintained bank loan automation bots and provided direct technical support to clients.

- Assisted in the development and maintenance of the bots, designed to automate manual data entry.
- Handled client issues via WhatsApp and remote access tools.
- Wrote Python scripts that used regular expressions (Regex) to clean and analyze CSV files containing financial and client data.

## Projects

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**AutoEscolaN116** - Java 25, Spring Boot 4, MySql 8, Docker, RabbitMQ

REST API for a driving school that manages students, instructors, and class schedules. Built during SENAI's Spring Boot course.

- Implemented role-based authorization with Spring Security and JWT tokens.
- Wrote integration tests with a local test database.
- Implemented RabbitMQ for asynchronous messaging.

Source: <https://github.com/lucasshiva/AutoEscolaN116>

**Portfolio** - HTML, CSS, Tailwind CSS, Sveltekit, Typescript

Single-page personal portfolio that dynamically populates its project list using GitHub's API.

- Used GitHub API to query repositories tagged with portfolio.
- Used Sveltekit and Tailwind CSS to build a minimal and responsive user interface.

Source: <https://github.com/lucasshiva/portfolio>

## Languages

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- **Portuguese:** Native
- **English:** Proficient (C2)

## Education

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**Nove de Julho University (UNINOVE)**

Systems Analysis and Development

**Jan 2018 – Jul 2020**

São Paulo, SP

## Courses

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**REST API development with Spring Boot** - SENAI

2026

**Pragmatic Clean Architecture** - Milan Jovanovic

2026

**Complete guide to building an app with .Net Core and React** - Udemy

2025