

# Gil Lopes Bueno

Software Engineer

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Sao Paulo, Brazil (UTC-3)

I am a Senior Software Engineer with 15+ years of experience and over 50 successfully delivered projects. I've worked extensively with Fullstack Web Development and have been deeply involved with Web3 technologies for the past 7 years. For 12 of those years, I've also acted as a Tech Lead, leading teams of up to 30 professionals and gaining a strong understanding of digital product development.

My experience shaped me into a thoughtful leader who values listening, inclusion, and collaboration. I'm skilled in solution architecture, stakeholder communication, requirements documentation, and technical planning.

## Notable Achievements

- Neon Wallet – Over US\$1 Billion in traded volume
- Runin Multilaser – Embedded in over 20 Million devices
- iTrack – 50 Million invoices registered; 60k delivery mans; 2k companies
- Apptite – US\$1.6 Million in GMV; 100k deliveries; 50k users
- Sharity – R\$ 2 Million in donations; 100k users
- Desabafa - 700k posts

## Web Frontend

**Javascript** (Since 2008), **Typescript** (Since 2018), **HTML / CSS / SCSS** (Since 2007), **Tailwind** (Since 2020), **ReactJS / NextJS** (Since 2017)

## Blockchain

**Ethereum / Solidity** (Since 2020), **Solana / Anchor / Rust** (Since 2022), **Flow / Cadence** (Since 2022), **Neo N3 / Python / Go** (Since 2018)

## Backend

**Node.JS** (Since 2012), **Java / Kotlin** (Since 2008), **MySQL / PostgreSQL / MongoDB** (Since 2007), **Prisma** (Since 2022)

## Work Experience

**BuidlGuidl Batch Program** • Software Engineer | Mentor

Feb 2025 - Present

BuidlGuidl is one of the most impactful builder communities in the Ethereum ecosystem. One of its core initiatives is the Batch Program, which helps onboard new developers into the Ethereum space. As a mentor in the program, I guide participants through their first steps contributing to open source using Solidity, Hardhat, ScaffoldEth 2, and Next.js.

Solidity

Hardhat

TypeScript

React.js

Next.js

Ethereum

EVM

<https://buidlguidl.com/batches>

**Jodobix** • Software Engineer | Creator

Mar 2025 - Jun 2025

Jodobix is a decentralized betting game designed to be fully fair and autonomous. It leverages blockchain technology to eliminate intermediaries and guarantees that all betting value is distributed among players and contributors. I developed the entire project on my own, including the design of secure random number generation strategies that do not rely on trusted third parties.

Solidity

Hardhat

Optimism

TypeScript

React.js

Next.js

Ethereum

EVM

<https://jodobix.com>

Contract on Optimism

## **Simpli** • Software Engineer | CTO

Oct 2013 - May 2025

Hands-on Head of Technology, responsible for defining and implementing technology stacks, development processes, and product architecture. Blockchain specialist with a strong background as a Requirements Analyst, Software Architect, and Senior Developer. Over the past 11 years, I have successfully delivered more than 50 projects to clients and stakeholders.

Below are more details about some of these projects:

### **Enclave Wallet** • Software Engineer | Product Owner | UI/UX Designer

Jun 2024 - Present

Enclave is a Wallet built to embrace non-blockchain users. It combines cutting edge technologies like Abstract Accounts, WebAuthn and Gasless transactions, to allow the onboarding to be smooth as traditional web applications. Working with a small team, I was responsible for the product vision, usability, development of the whole wallet frontend and contributing to the Smart Contracts.

TypeScript

React.js

Next.js

Node.js

Smart Contracts

Cryptography

<https://enclavewallet.com>

### **Blockchain Services Library** • Software Engineer | Techlead

Aug 2023 - Jul 2024

BSLib is a multi-chain library designed to perform common wallet operations in a generic manner, abstracting and normalizing the unique characteristics of each blockchain. It includes implementations for NeoN3, NeoLegacy, and various EVM networks. This library is extensively used by Neon Wallet Desktop and Mobile applications. As the creator of BSLib, I aimed to enable code reuse across the wallets maintained by my team.

TypeScript

Node.js

Blockchain

Cryptography

<https://github.com/CityOfZion/blockchain-services>

### **Letter** • Software Engineer | TechLead

Fev 2022 - Apr 2023

In partnership with the Associated Press, Dapper Labs, and COZ, Letter is a multi-chain (Neo and Flow) platform that provides authentication mechanisms based on NFTs. This allows systems to validate access in a decentralized manner. I was responsible for architecting the solution, which included SmartContracts on both networks, an SDK that integrates both networks simultaneously, and several key integrations.

TypeScript

React.js

Smart Contracts

Cadence

Flow

### **Neon Wallet** • Software Engineer | TechLead

July 2021 - July 2024

Neon is the leading wallet in the Neo ecosystem, with over \$1 billion in traded volume. I was responsible for architecting its mobile version and later contributed to the desktop app. During my time on the project, I tackled key challenges such as supporting multiple blockchain networks, managing multiple accounts simultaneously, implementing WalletConnect integration, and developing the protocol for network interaction, along with several other critical integrations.

TypeScript

React.js

React Native

Blockchain

Electron.js

<https://coz.io/neon-wallet/>

### **Sharity** • Software Engineer | TechLead

Mar 2021 - Mar 2022

A crowdfunding for charitable causes with more than 100 thousand users. I played a key role at the outset of the project, where I designed the database architecture, structured the project, and developed the most critical components of the application.

TypeScript

React.js

Kotlin

Java

Node.js

Next.js

GraphQL

<https://sharity.com.br>

## LDC's She Digital • Software Engineer | TechLead

Oct 2019 - Nov 2020

Louis Dreyfus Company, one of the largest commodity traders in the world, commissioned the development of a 'Safety, Health, and Environment' management platform for use across all its global units. I architected and developed this project entirely. The platform included integrations with Azure Active Directory for authentication and user management. The most significant challenge was translating all the company's needs into a flexible application that could scale without requiring code modifications.

TypeScript

React.js

Kotlin

Java

MySQL

## iTrack • Software Engineer | TechLead

Nov 2016 - Jun 2018

iTrack Brasil is a B2B delivery services platform, integrating multiple systems, with nearly 60,000 couriers. Key challenges included various integrations and optimizing large data volumes. With over 50 million invoices and 2,000 companies registered, the platform's growth was further boosted by its acquisition by MadeiraMadeira in 2021.

TypeScript

React.js

Kotlin

Java

<https://itrackbrasil.com.br>

## Apptite • Software Engineer | TechLead

Sep 2015 - July 2017

Apptite was a food delivery app for iOS, Android and the web. It gained recognition with acceleration by '500 Startups'. With media coverage, it established itself as an important platform in the artisanal food market. I was the main responsible for the initial planning, structuring and development of the platform.

Android

Java

## Desabafa • Software Engineer | TechLead

Aug 2015 - July 2017

Desabafa was an anonymous social network designed for emotional support and mutual understanding, featuring a robust security and monitoring system to ensure a healthy user experience. The platform received media recognition in the mental health sector and facilitated over 1 million interactions. I contributed to the planning, structuring, and development of the platform.

Android

Java

## Multilaser Runin • Software Engineer

Aug 2014 - Oct 2014

Multilaser, one of Brazil's largest cell phone and tablet manufacturers, faced high demand for quality control tests, which were previously done manually. I helped develop an Android application to automate these tests, covering CPU, RAM, GPS, screen brightness, and touch functionality. This automation significantly improved productivity in tablet production, and the app has since tested over 20 million devices.

Android

Java

## SIMET - NIC.br • Software Engineer

2010 - 2013

At NIC.br, I worked on applications for SIMET, an internet quality measurement tool. I proposed and designed a new version of the main SIMET application, transitioning from Java Applet to JavaScript. I developed SimetMapas, visualizing internet quality heat maps across Brazil, and created dashboards for internet operators and regulatory agencies. Additionally, I helped develop SimetBox, a Wi-Fi router for automatic tests, and an Android app for quality testing with a custom graphics library.

JQuery

Backbone

Java

Android

<https://simet.nic.br>

## Pontifícia Universidade Católica de São Paulo (PUC-SP) • Bachelor, Computer Science

2008 - 2011

Bachelor's degree in Computer Science from Pontifícia Universidade Católica de São Paulo, one of Brazil's leading higher education institutions.