

# Gil L Bueno Senior 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

## Technical Skills

### • Blockchain

Ethereum / Solidity / Foundry (Since 2020), Architecture / Fuzzing / Gas Optimization (Since 2023), Wagmi / Viem / The Graph (Since 2023), Solana / Flow / Neo N3 (Since 2018)

### • Web Frontend

Javascript (Since 2008), Typescript (Since 2018), ReactJS / NextJS (Since 2017), Tailwind (Since 2020)

### • Backend

Node.JS (Since 2012), GraphQL / REST / WebSockets (Since 2018), MySQL / PostgreSQL / MongoDB / Prisma (Since 2007), Java / Kotlin (Since 2008)

## Work Experience

**33Labs** • Software Engineer | Main Smart Contract Developer • Sep 2025 - Present

At 33Labs (formerly 33Audits), I worked on the design and development of advanced DeFi protocols, focusing on composability, capital efficiency, and developer experience.

The company began as a smart contract auditing firm, which gave me hands-on, daily experience identifying and preventing vulnerabilities. I developed protocols end to end — architecture, implementation, and testing — with security and gas optimization as constant priorities throughout. This led me to a key conviction: the auditing process should start at the architecture stage, before any code is written. To support this, I integrated specialized tooling and AI agents into our development and auditing workflow.

<https://www.33labs.ai/>

### **American Spend** • Software Engineer | Main Smart Contract Developer • Mar 2026 - Present

American Spend is a prediction market protocol combining yield generation with market-based price discovery through a hybrid market structure.

Designed a hybrid market model starting with a parimutuel phase and transitioning into a Central Limit Order Book (CLOB).

Integrated vault-based yield strategies to generate returns on idle capital during market activity.

Led the end-to-end design and implementation of the smart contract architecture, ensuring seamless transitions between market phases without disrupting user positions or incentives.

Drove close collaboration with auditors throughout development, incorporating feedback early to strengthen security and reduce iteration cycles.

<https://spend.market/>

### **Mosaic** • Software Engineer | Main Smart Contract Developer • Sep 2025 - Feb 2026

Mosaic is a protocol designed to make smart contract development more accessible, cost-efficient, and secure through flexible, pre-audited, and composable contracts, with AI-assisted tooling for generating contract compositions from natural language.

Contributed to the core architecture and designed reusable protocol modules with a strong focus on composability.

Designed and implemented a Launchpad workflow powered by a bonding curve, graduating into a Uniswap v3 liquidity pool for smooth price discovery and liquidity transition.

Built a Uniswap v4 hook combining CLMM behavior with a bonding curve model, later transitioning into a standard AMM.

Developed abstractions to support modular and extensible DeFi primitives.

<https://mosaic.build/>

### **BuidlGuidl Batch Program** • Mentor • Feb 2025 - Jan 2026

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.

<https://buidlguidl.com/batches>

### **Simpli** • Software Engineer | CTO • Out 2013 - May 2025

Simpli started as a startup focused on building a B2C mobile product, but quickly evolved into a fast-growing software house serving a wide range of clients. In its first year, the company pivoted to delivering custom distributed applications, and scaled organically to a 30-person team through consistent delivery and client satisfaction. Over 11 years, we delivered 50+ successful digital products for both startups and enterprise clients, while also launching and maintaining our own proprietary platforms.

From the beginning, Simpli was an early adopter of emerging technologies like mobile development and blockchain. I played a key role in shaping both the technical direction and business strategy of the company. My work ranged from hands-on technical leadership to driving innovation through research, process design, and technology adoption. I led system architecture, created technical roadmaps and documentation, and helped turn product ideas into real businesses by aligning technical execution with market opportunities.

Below are more details about some key projects:

### **Enclave Wallet** • Software Engineer | Product Owner | UI/UX Designer • Jun 2024 - Feb 2025

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.

<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 NeonN3, 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.

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

**Letter** • Software Engineer | TechLead • Feb 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.

**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.

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

**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.

**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.

<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.

**Multilaser Runin** • Software Engineer • Aug 2014 - Out 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.

**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.

<https://simet.nic.br>

## Academic Qualifications

**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.