

Gustavo Figueiredo

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profile

i've been hooked on system internals since childhood: modding games, poking at infosec problems, and trying to understand how everything connects. nothing ever felt like home until crypto came by: blockchains feel like an extension of the systems i grew up fascinated by but open, standardized, and permissionless. i don't know everything, but i'm addicted to learning fast and building things. i'm all-in on rust, systems, and crypto.

technical skills

- **programming languages:** rust, solidity, python, c, c++, assembly (arm64), noir
- **systems devops:** docker, kubernetes, podman, linux internals
- **information security:** binary analysis, penetration testing, malware reverse engineering, network protocols
- **systems programming:** memory management, exploit analysis, bytecode-level debugging

projects

- **[blob-exex](#)**
blob indexer built with reth exex (reth-native blob processing) > [demo](#)
- **[stylus-mixer](#)**
zk mixer written in rust using arbitrum stylus
- **[bountypool](#)**
platform designed to incentivize open-source software
- **[soler](#)**
python disassembler to analyze evm bytecode
- **[music](#)**

contributions

- **[reth](#)**
modular, contributor-friendly and blazing-fast rust implementation of the ethereum protocol
- **[ethrex](#)**
minimalist, fast and modular rust implementation of the ethereum protocol
- **[inspectifi](#)**
ai chat bot backed by live on-chain data (built with 1inch + blocksout infra) > [demo](#)

education

- **bachelor's degree in computer science**, 2023–2025 (dropped out for a self-directed path)
universidade lusófona do porto
- **solidity bootcamp, encode**, 2023
- **cs50**, edx, 2022

experience

- **hacker**, ethglobal prague, 2025
- **volunteer**, ethprague conf, 2025
- **crew member**, ndc porto, 2024
- **co-organizer**, polygon porto, 2023