



# ARTHUR ABEILICE

## SOFTWARE ENGINEER

### LATEST EXPERIENCE

#### Blockchain Engineer ( R&D )

Gateway.fm | Sep 2024 - Feb 2025 | Stavanger, Norway

Open source development of cdk-erigon polygon, a zkevm sequencer client software. Part of the Research and Development department.

##### Achievements:

- Improved and creation of: internal tools, unit tests, monitoring, & docs.
- Debugged, solved, & reviewed reported issues.
- Supported clients & updated dependencies.

#### Golang/Solidity Software Engineer ( Backend )

Tally Governance | Jul 2022 - Jul 2024 | New York City

Development with Go lang for GraphQL APIs, and ETL server to index blockchain data. Also helped on documentation, tech interviews, and management of projects.

##### Achievements:

- Developed smart contracts (tokens, NFTs, airdrop deployers, governance extensions) and its NPM package and reviewed/fixed 3rd party contracts.
- Created Solidity contract deployers with high test coverage.
- Enhanced ETL to index blockchain data via contract/RPC interactions.
- Optimized GraphQL API, improving query response time by 90%.
- Improved authentication with SIWE.
- Built internal tools for data backfilling, chain automation, price analytics, and ChatGPT summaries.

#### Software Engineer

GetIt LLC | Oct 2021 - May 2022 | Washington D.C., USA

Development with Golang at backend, micro-services and cloud.

Vue.Js on front and Python Django for legacy parts.

Major Achievements: Improving code base of ETL, micro-service and data streaming with New Features, Unit Testing and TDD.

#### Software Engineer - Junior

Codificar | Feb 2020 - Oct 2021 | Belo Horizonte, Brazil

Web Developer and assistant to the project manager. Worked with Vue.Js, PHP, Shellscrip, Android and iOS

Major Achievements: Development of internal tools ( both GUI and CLI) and Packaging of legacy code as React-Native libraries, with native code;

#### Web Dev & DevOps - Internship

Codificar | Oct 2019 - Feb 2020 | Belo Horizonte, Brazil

Internship in DevOps and Web Development

Major Achievements: Improved Automation Scripts, saving hours of work for the company, with new pattern to compile/deploy white label products.

#### Freelancing

Self-Employed | Mar & Apr & May 2022

- 1st: web3 xPix payment widget, for XMINE a small DEX. It receives fiat and sends crypto ,token or swap to a desired token. Back and Front end.
- 2nd: Fullstack NEXT.js dashboard and landpage that connect to web3 and uses a front-end middleware to only allow addresses with roles to certain pages, and admin pages talking to smart contract.
- 3rd: SmartContract indexing with Ponder, for H3aven.

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#### About Me

- 1st Place in StartUp Weekend Youth 2014 - BH
- Helped organize Work From Q ( event by Hetman's )
- General & Chainlink Prizes at Ethereum Sao Paulo Hackaton 2022
- Entrepreneurship and Innovation, Summer Program in Boston College 2014
- Participated in Solidity workshop & bootcamp at EthereumRio 2022;
- Colégio Loyola Volunteering, Poverty Ailment 2013-2014
- Econophysics models study 2017. Undergraduate Research with Leonardo S. Lima.
- Co-founded DeltaDAO in 2023 with friends.
- Proficient with Photoshop, GIMP, Audacity, Inkscape, and Corel Draw, editing and design.

### EDUCATION

Federal Center for Technological  
Education of Minas Gerais (CEFET-MG) -  
Computer Engineering - (Bachelor)  
2015 - 2021

### INFO

Belo Horizonte, Brazil

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Twitter: [afa7789](#)

### NATURAL LANGUAGES

- Portuguese: Native
- English: Fluent
- Spanish: Intermediate

### COMPUTER LANGUAGES

- Proficient: Golang, ShellScript, Solidity.
- Experienced: PHP, TypeScript, JavaScript, Python.
- Familiar: C/C++, Kotlin, Swift, Java, LaTeX.

### ATTENDED EVENTS

CampusParty Belo horizonte - 2016;  
CSBC - 2018; Financial Cryptography and  
Data Security (FC21) - 2021; EthereumRIO  
- 2022; BitConf SP 2022; DEVCON 6  
bogota - 2022; EthLatam Argentina -  
2022; EthereumRIO - 2023; EthSamba -  
2023; EthArgetina - 2023; DEVCON 7  
Thailand - 2024; Cornell Blockchain  
Conference - 2024; SatsConf - 2024;  
Bitcoin Developers' Socratic Seminar 136  
- 2024; BTC++ floripa - 2025;  
ModularCarnival - 2025;

### PUBLISHED SCIENTIFIC PAPERS

- LIMA, L. S.; OLIVEIRA, S. C. ; ABEILICE, A. .  
Modelling Based in Stochastic Non-Linear  
Differential Equation for Price Dynamics.  
Pioneer Journal of Mathematics and  
Mathematical Sciences, v. 23, p. 93-103,  
2018.
- LIMA, LEONARDO S.; OLIVEIRA, S.C. ;  
ABEILICE, A.F. ; MELGAÇO, J.H.C. . Breaks  
down of the modeling of the financial  
market with addition of non-linear terms in  
the Itô stochastic process. PHYSICA A-  
STATISTICAL MECHANICS AND ITS  
APPLICATIONS, v. 526, p. 120932, 2019.

"If you don't know, the thing to do is not to get scared, but to learn."

— Ayn Rand, Atlas Shrugged