

Curriculum vitae

Personal data

Name: Arthur M.

Technical Knowledge and Skills

Javascript, Node.js



Arthur is specialist in Blockchain, Web3, Professor, Solution Architect and lead digital transformation with experience in Finance Services.

Education

**August 2018 —
August 2020**

**São Paulo, Brazil
MBA, Strategy and Business Development, Universidade de
São Paulo**

**September 2004 —
September 2008**

**São Paulo, Brazil
Graduation, Software Engineering, Centro Universitário
Fundação Santo André**

Work experience

**February 2022 -
Present**

**Spectator Sports Company, Canada, Toronto
Blockchain Developer (Contract)**

Stack:

- Non-Fungible Tokens (NFTs),
- Web3,



- Solidity,
- Typescript,
- Node.js.

Responsibilities:

- Working in Maple Leaf Sports & Entertainment (MLSE) Dropshop NFT marketplace. Offering Sports NFT assets for rally Gumball 3000 and hockey leagues in Canada.
- Implementing and designing NFT smart contracts based on Open Zeppelin Standards ERC1155 in Solidity and EIP-2981 NFT Royalty Standard. Deployed in the Polygon chain beyond other technologies such as AWS Lambda, AWS SQS, Hardhat, etherJS. Use IPFS media and metadata through Pinata services in order to visualize in OpenSea.
- Created Fraction NFT (f-NFT) ERC20 to represent the secondary market. Use Mythril tool to analyze security issues in smart contracts. Implemented crypto payment in auction flow with Stripe and ERC20 Stablecoin.
- Implemented APIs integration with Typescript and Node.js. Implemented the payment method with Stripe SDK.

April 2021 -
January 2022

Software Development Company, United States, Wyoming
Full Stack Engineer (Remote)

Stack:

- Web3,
- EtherJS,
- Hardhat,
- Zeppelin Standards,
- Solidity,
- TypeScript,
- API,
- Express,
- ERC20,
- ERC1155.

Responsibilities:

- Responsible for Blockchain design and implementation ERC20/BEP20 utility token in Solidity.



- Used Polygon and Binance Smart Chain (BSC) network implemented Dapp and Web3 library.
- Participated in TGE / IDO and DeFi ecosystem used AMM Pancakeswap v2 and DEX Dfyn to liquidity token. Implementing NFT ERC721/ERC1155, integration with OpenSea, social media assets and Brige solution for interoperability between Polygon and BSC;

June 2020 -
April 2021

IT Services and IT Consulting Company, Brazil
Blockchain & Cloud Architect (Contract)

Stack:

- Asure,
- Blockchain,
- Ethereum,
- Solidity,
- Java,
- JavaScript,
- C#,
- Node.js (Ethereum side).

Responsibilities:

- Working in a global team for UBS Banking (based in Chicago), accomplished assessment and Cloud migration strategy from hedge fund platform on-premises to Azure Cloud.
- Drawing up Cloud architecture design and implementation in Azure DevOps, data pipelines, and network resources. Responsible for a new Blockchain initiatives such as product for B2B Smart Agreement in Ethereum. Support pre-sales team in products and project from GFT.

December 2019 -
December 2020

Financial Services Company, Brazil, São Paulo
CTO

Stack:

- Node.js,
- React.js,
- TypeScript,
- AWS,

- Node.js.

Responsibilities:

- Lead digital transformation and technology team, provided finance services platform. Managing IT teams and budget. Conduct strategy on several finance products such as Supply Chain Finance (SCF), instant micro loans/ Credit Platform B2B, B2C and receivables purchase.
- Strategic use of emerging technologies such as Azure Cloud Computing, Big Data, Machine Learning and APIs. Engage and define integration our finance services with customers and key partnerships.

February 2019 -
September 2020

University, Brazil, São Paulo
MBA Blockchain Professor

Stack:

- JavaScript,
- Angular,
- Angular Material,
- Ionic,
- Node.js,
- Express,
- MongoDB.

Responsibilities:

- Lecturing about Blockchain DLT Corda and Hyperledger Fabric architecture, business and technical aspects.

July 2018 -
July 2019

Bank, Brazil, São Paulo
Cloud Solutions Architect

Stack:

- Azure,
- Java,
- JavaScript,
- Spring,
- Spark,
- Hadoop,
- Angular Material.

Responsibilities:

- Responsible for strategy in digital transformation trends and emerging technologies.
- Leading a team for design of value chain business, evolution with proofs of concept focusing business area such as AML/KYC and Payment.
- Involved in initiatives around Data Cloud Azure and GCP, Big Data, Blockchain and DLT.;

May 2018 -
Present

University, Brazil, São Paulo
MBA Professor (part-time)

Technologies:

- Cryptoeconomics,
- DeFi,
- Blockchain.

Responsibilities:

- Lecturing to senior and middle managers about Cryptoeconomics, DeFi, Blockchain for business and technical aspects.

February 2015 -
March 2018

Financial Services Company, Brazil, São Paulo
Solutions Architect

Stack:

- Blockchain,
- Ethereum,
- Solidity,
- JavaScript,
- Truffle,
- Spring,
- Java.

Responsibilities:

- Responsible for design of solutions and proofs of concept focusing in Payment using emerging technologies.
- Manage initiatives around Blockchain and DLT projects such as Boleto Payment, KYC and Micropayment. Member Blockchain Working Group at

FEBRABAN (group of financial institutions 15 main banks, clearing house and Central Bank of Brazil). Involved Blockchain platforms such as Ethereum and Hyperledger.

- Innovation, evaluations, assist in the build new of products. Ability to prepare architectural documents and submit technical proposals RFP, RFI and RFQ. Align new solutions to the architectural principles already defined, respecting the patterns of integration. Responsible for good practices in component architecture and API design.

May 2008 -
November 2014

Oil and Gas Company, Brazil, São Paulo
Software Engineer

Stack:

- Java,
- Spring,
- Oracle,
- Angular,
- Jenkins,
- Nexus.

Responsibilities:

- Java developer in important logistics systems of oil transportation between refineries with Weblogic Server, Oracle 10g database, Spring, JPA, Angular, API using Kanban and Continuous Integration.
- Implementation of an automated build process and dependency management using Jenkins and Nexus. Distributed deployment and installation of releases in environments singles / multiple-hosts.
- Responsible for integrations between systems with web services, JMS and patterns integration.
- Evolutionary maintenance of legacy systems.

June 2007 -
June 2008

Telecommunication company
Software Engineer

Stack:

- Java,
- JBoss,

- EJB 3.0,
- Microsoft SQL,
- JasperReport,
- iReport,
- Quartz framework,
- SVN.

Responsibilities:

- Java developer in a management marketing campaign system with EJB 3.0, JBoss Application Server and Microsoft SQL Server database.
- Responsible for development portal reports using JasperReport, iReport and Quartz framework for asynchronous jobs with SVN for repository control.