

Matheus Toscano

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Summary — Frontend and Blockchain Developer focused on delivering well tested software and good practices, developing pixel perfect experiences that delivers performance and accessibility.

Skills

Languages	Portuguese, English	Database	Redis, Firebase, MongoDB, PostgreSQL
Blockchain	Solidity, Architecture, Web3, Ethereum, ZKP, Hardhat, Solana, Anchor	Cloud	AWS, Netlify
Frameworks	React, Next.js, Nest.js, Gatsby, React Native	Tooling	Docker, Helm, CI/CD, Jenkins, Jest, RabbitMQ, Kubernetes
Programming	JavaScript, Node.js, CSS, Sass, HTML, Rust		

Experience

Multivision

Sep 2022 –

Frontend Engineer (Consultant)

Client: Vodafone (Next.js — Docker — Node.js — Java — Jest)

- Optimized websites performances using techniques as useCallback and useMemo, debouncing requests to APIs.
- Implemented new microservices to support the IOT projects
- Implemented i18n multi language components following the design system
- Managed content to serve the tenants and countries in Europe
- Automated routine tasks using scripts to reduce manual effort and increase productivity
- Revamp of the whole vodafone portal in Portugal
- Configuring pipelines for monorepo application

Client: Farfetch (Next.js — Docker — Helm — Nest.js — Kubernetes — Elastic — Redis — RabbitMQ — Kubernetes)

- Configured monitoring tools to track system performance and troubleshoot issues proactively
- Implemented Web Workers for CPU-intensive data processing
- Developed apps to list feeds of products and multi-tenant solutions, creating handling contexts by tenants and cache system as well.
- Documented system configurations and procedures for knowledge sharing within the team
- Introduced modern testing practices using Jest/React Testing Library, achieving and maintaining a standard test coverage
- Created new tools and services to stream large files through the services
- Write rabbitMQ solutions to low latency RPC calls
- Write unit test and validate acceptance criteria
- Teaching to the rest of the team members, giving lessons to the backend(.net) team about useContext, props handling, redux, DOM, etc ...

Bitfy Exchange

Dec 2021 – Sep 2022

Blockchain Developer

(Nest.js — Docker — Solidity — Ether.js — Solidity — Hardhat)

- Developed and maintained back-end code for web3 applications and smart contracts
- Created micro-services to support new currencies, enhancing platform capabilities and introducing a Blockchain as a Service (BaaS) solution.
- Configured and monitored network security measures, including firewalls and intrusion detection systems
- Maintained legacy code in Next.js while expanding app functionalities to support NFT transactions
- Maintained documentation for IT policies and procedures
- Maintaining Node communication through different blockchains ecosystems

Avenue Code

Aug 2021 – Feb 2022

Front-end Developer

(TypeScript — Redux — Gatsby.js)

- Participate in meetings and business decisions
- Updated old tools to use more advanced concepts of Javascript and React as arrow functions, hooks, memoization and web workers.
- Developed web apps based on old spreadsheets and powerBI dashboards previously used.
- Migrated legacy JavaScript codebase to TypeScript, implementing advanced type patterns (generics, conditional types, type guards)

Guerra Finanças

Jun 2019 – Sep 2021

Software Engineer

(Gatsby.js — Docker — AWS — Redux — Firebase — Node.js — GraphQL — Figma)

- Managed and mentored a small development team, fostering collaboration and ensuring timely delivery of projects
- Led the development of solutions for sales and financial teams, such as product landing pages, custom spreadsheet plugins, and interactive dashboards
- Designed and implemented scalable tools to streamline workflows and improve operational efficiency
- Developed custom middleware for API call tracking and error handling with Redux-Saga integration
- Developed whitelabel tools to serve different banks partnerships
- Prioritized user-focused functionality, balancing technical requirements with business needs to drive project success
- Using the AWS suite to host apps and perform actions with a serverless backend

Atimos.Co

Jul 2018 – Jun 2019

Mobile Developer

(React Native — Expo — Redux — Figma — Firebase)

- Skilled in end-to-end application and dashboard development, contributing across all stages from requirements gathering to UX/UI design and hands-on coding
- Proficient in React, with expertise in creating modular and responsive components for dynamic user interfaces
- Using redux and firebase for liveliness observability about apps data
- Collaborative team player, adept at translating stakeholder needs into visually appealing and functional solutions

Education

Universidade de Brasília - Software Engineering

Universidade Católica de Brasília - Systems Analysis and Development

IGTI - MBA in Blockchain Applications and Development

Certifications

- IGTI - Certified Mobile Developer
- Blockchain Council - Certified Solidity Developer
- 101 Blockchain - Certified Enterprise Blockchain Architect