Davi **Silva**

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WORK EXPERIENCE

CANADA CANNABYSS | Senior Full Stack Engineer
Jan 2019 – Present | Victoria, BC, Canada

- Architected the entire semi-decentralized microservices Node.js infrastructure focusing on the codebase maintainability, improvability, scalability, user anonymity, and better error handling.
- Developed all the server-side render (SSR) front-end applications using React.js and Next.js with strong SEO strategy.
- Created, managed, and maintained all the MongoDB and Postgres databases and its copies to properly serve the antifragile microservice architecture.
- Implemented all the e-commerce features from the ground up such as products, bundles, promotions, banners, orders, accepted payment methods, coupons, resellers, and available postal service CRUD, listings, and recommendation front-end and back-end algorithms.
- Built an administrator and reseller panel on distinct subdomains for management purposes limiting the access of each application based on each role.
- Incorporated blockchain technology to handle transactions by building Ethereum smart contracts to accept cryptocurrencies such as Ethereum, ERC-20 tokens, Bitcoin, and other Altcoins as payment method.
- Published the npm React component portrait-load to assist on media upload while creating and editing products, promotions, and categories.
- Engineered a live chat to help customers solve their urgent problems.
- Built a customer and reseller registration confirmation, password reset, order tracking number, order fulfilled email automation.
- Created a referral and credit system to incentivize new newcomer registration.
- Responsible for the deployment and the continuous delivery of all the front-end and back-end applications.
- In charge of the DevOps workflow such as AWS S3 buckets, DNS, EC2 instances, Load Balancers, and SSL certificates creation, management, and maintenance.
- Used TensorFlow to predict sales behaviour based on data from Google Analytics.

Technologies used: JavaScript, TypeScript, React.js, Next.js, Redux, Redux-Saga, Node.js, Express.js, Solidity, Web3.js, Truffle, Docker, MongoDB, Python, Django, TensorFlow, AWS.

CRYPTIC ACTIVIST | Full Stack Engineer
Oct 2019 – Present
UNDER DEVELOPMENT

- Developed the server-side render (SSR) front-end application using React.js and Next.js with strong.
- Applied SEO strategies focused on article sharing on social media platforms.
- Developed REST APIs to serve as the platform back-end using Express.js and Adonis.js.

- Secured the Express.js server by using technologies such as OAuth2 and JWT to safely navigate through the API endpoints and client routes.
- Implemented a live chat system for assisted troubleshooting.
- Managed DevOps workflows such as CI/CD pipelines, cloud static storage, cloud servers, load balancing and DNS routing on AWS.
- Integrated the Ethereum blockchain using ERC-20 smart contracts to develop a decentralized cryptocurrency exchange.

Technologies used: MongoDB, Postgres, Express.js, Adonis.js, React.js, Next.js, Redux, Redux-Saga, Node.js, Jest, Bootstrap, JSON, Socket.io, Solidity, ERC-20, Web3.js, Python, C++, AWS.

NEXTLY | Business Strategist & Front-end Developer
Jul 2019 – Jan 2020 | São Paulo, SP, Brazil

- Established new marketing and lead search strategies to allow the company to reach new prospects, expanding to overseas territories such as the US, Canada, and Europe.
- Had planning meeting to gather customers' requirement to later on formulate Sprints.
- Introduced players of the Canadian and American markets that needed outsourcing to increase their workforce to the Nextly team.
- Monitored every phase of the software development process to ensure the quality set by the previous planned Sprint.
- Created a fixed weekly team meeting schedule to meet expectations and ensure a smooth transition to the Spotify development model.
- Participated on the development process, mainly on React projects with Redux and Redux-Saga.
- Developed REST APIs using Adonis.js and Express.js.
- Worked under TDD mind-set, ensuring that all development steps were covered by previous written integration and e2e tests.

Technologies used: React.js, Redux, Redux-Saga, Node.js, Express.js, Adonis.js, Jest, JSON, Bootstrap.

NERIT | Front-end Developer
Sep 2017 – Nov 2017 | Belo Horizonte, MG, Brazil

- Participated in the development of a React.js based brazilian electoral management system.
- Fixed existing bugs on proprietary software used internally by the company wrote in PHP.
- Implemented a new error log report feature on proprietary software using PHP.
- Built portfolio websites for local businesses and professional using PHP, HTML5, CSS3 and JavaScript.
- Fixed bugs and improved existing customers websites previously built by other developers.

Technologies used: PHP, React.js, Redux, JavaScript, TypeScript, Bootstrap.

SKILLS

TECHNICAL SKILLS

Proficient in

JavaScript • TypeScript • Node.js • Express.js • Adonis.js • TensorFlow
React • React Native • Next.js • Redux • Redux-Saga • Python • Django
C • C++ • Solidity • ERC-20 • Web3.js • Truffle • Git • MongoDB • Postgres
JSON • MySQL • HTML5 • CSS3/SASS • AWS • Heroku • Netlify • Socket.io
Bootstrap • Agile Development • Linux • Arduino • TDD • Circuit
Prototyping • Video Editing • Photo Manipulation

Familiar with

C# • PHP • Java • Native Android Development • Docker
Assembly • Raspberry Pi

SOFT SKILLS

Strong

Leadership • Resourcefulness • Grit • Public Speaking
Stock Investing • Cryptocurrency Investing

LANGUAGES

PROFICIENCY LEVEL

Native proficiency:

Portuguese • English

Working proficiency:

Spanish

EDUCATION

PUC MINAS

Bachelor in computer Science
Dec 2021 | Belo Horizonte, MG, Brazil