

# Roberto M. L. Costa

## Full Stack Web Developer

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### Roberto Costa

São Paulo, Brazil

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### Background

With a passion for technology and programming, in 2017 I decided to become a software developer. Today, I develop applications, I understand algorithms, data structures, and code/development best practices. I use JavaScript ES6 +, TypeScript, and I work using Vue.js (Vue 2, and Vue 3) and Quasar.js consuming a REST API. In my spare time, I study and develop projects using React, Redux, React Native, Git, MongoDB, REST, GraphQL, Node, and Express.

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### Skills

Full Stack Web / Software development: HTML, CSS, JavaScript, ES6 +, TypeScript, Vue, Quasar, React, Redux, React Native, Node, GraphQL, REST, and Tests (Jest).

- Experience in software architecture, solutions, and trade-offs.
- Experience in algorithms, data structures, performance, and scalability;
- Ability to adapt to changing environments and learn new technologies as needed;
- Frameworks: Vue, React, React Native, Apollo, Mongoose, and Express.js;
- NoSQL Databases: MongoDB, Firestore;
- Responsive Design, UI, and UX.

Others:

- Version Control: Git, Github Flow;
- Website performance: DOM manipulation, image techniques, etc;
- Design: Figma, Gimp, Inkscape, Blender, Photoshop;
- WSL and Linux.

Soft Skills:

Creative Problem-Solving, Teamwork, Organization, Communication, Time Management, Self Learning.

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## Work Experience

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### Front-end Developer / Take 5 Comunicação Corporativa

Jan 2020 - current position

I started as a Frontend developer working with the Vue.js and Quasar.js frameworks. Development of the company's LMS and communication with the backend (REST - Python with Django).

Achievements: As soon as I started I created an application in Node.js that helped the team save time by generating images and favicons for customers using just two images.

I used Javascript Vanilla to create a video solution with WebRTC and then transferred it to Vue.js to implement the solution within the company's LMS. I also implemented the Jitsi software (open source) within the platform for online classes, in addition to several other system improvements.

Lead-role developing a new application, a "game-like" LMS for a client, where I had to evaluate the best technology to be used to achieve our goals.

### Trader / Self-employed

Jan 2016 - Dec 2017, São Paulo

Worked as a stock trader learning and trading every day. I started with stock options and later decided to learn more about digital coins. Then I worked as a trader by trading Bitcoins and Litecoins.

### Hardware Seller / Self-employed

Jan 2013 - Dec 2015, São Paulo

With my knowledge of hardware and computers in general, I decided to work for myself as a seller using the internet. Sold computer parts with a good focus on delivering the best products for my clients.

### Sales Specialist / IBM

Feb 2009 - Jun 2011, São Paulo

Design and sales of IBM solutions to fulfill client's needs. System X servers, storage, maintenance, and IBM's software. An end-to-end process from understanding the client's needs to the final implementation of the project. Working with telephone, email, and web contacts with Brazilian and international clients.

### Sales Support / IBM

Sep 2007 - Feb 2009, São Paulo

I have given sales support to sellers and clients through proposal elaborations, document verification, logistics, and more. End-to-end sales process.

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## Education

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### React Developer / Udacity Nanodegree

2022, Online

The course was mostly based on Class-based components and using Redux with MapStateToProps and MapDispatch to Props. For my final project, I decided to go with the newer React (Functional - Hooks), Redux, and React Router V6.

### Full-Stack Developer / University of Helsinki

2021, Online

Online course at the University of Helsinki with the entire Full-Stack development process (MERN stack). Addressing the development and communication of applications and websites through the front-end, back-end, and database.

Practice in developing with Node.js and Express.js, REST, and GraphQL (Apollo) communication, NoSQL databases (MongoDB), front-end using React, and React Native. Also an introduction to TypeScript with Node and React, and tests using Jest.

### Front-End Web Developer / Udacity Nanodegree

2018, Online

The course was focused on building the student skills in Responsive design, HTML, CSS, JavaScript, jQuery, and GitHub.

### Finance Associate Degree / Universidade Anhembi Morumbi

2016, São Paulo

Finance and financial management services

In its routine, the Technologist in Financial Management applies methods, techniques, and economic-financial concepts in the decision-making processes, always starting from economic feasibility studies, with the objective of optimizing investments and fundraising.

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## Courses

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### Harvard's CS50x (Edx) - Studying

The Complete React Developer in 2020 with Redux, Hooks, and GraphQL (Udemy) - 2019

The Complete Node.js Course (Udemy) - 2019

Become a Front-End Web Developer (LinkedIn) - 2019

Learning Linux Command Line (LinkedIn) - 2019

Learning MongoDB (LinkedIn) - 2019

Agile Foundations (LinkedIn) - 2019

Figma for UX Design (LinkedIn) - 2019

SASS Essential Training (LinkedIn) - 2019

UX Foundations: Accessibility (LinkedIn) - 2019

User Experience for Web Designers (LinkedIn) - 2019

JavaScript Fundamentals (Microsoft MVA) - 2018  
Create HTML5 Apps with jQuery Jump Start (Microsoft MVA) – 2018  
HTML5 & CSS3 Fundamentals: Development for Absolute Beginners (Microsoft MVA) - 2018  
Introduction to Logic and Computational Thinking (Microsoft MVA) – 2018  
Responsive Websites with Bootstrap 3 (Pluralsight) - 2018  
Design to Development (Pluralsight) - 2018  
HTML5 Fundamentals (Pluralsight) - 2018  
An Introduction to Design (Pluralsight) - 2018  
Learning Software Development (Microsoft MVA) - 2017  
Software Development Fundamentals (Microsoft MVA) – 2017  
Learn How to Learn (Coursera) - 2017  
Business Management Fundamentals (USP –VEDUCA) – 2016  
Design Thinking (Laureate International) – 2015  
Time Management (Laureate International) – 2015  
Distance Education (Laureate International) – 2015  
Personal Finances and Stocks (BM&F Bovespa – Veduca) - 2015  
Macromedia Web Design Studio MX (Senac) - 2005

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## Languages

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Portuguese – Native  
English – Advanced