

Bravo

Natalie

Software Developer



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/bravonatalie



/nataliebravo



São Paulo, Brazil

Programming Languages

JavaScript	● ● ● ● ●
Python	● ● ● ● ●
HTML 5	● ● ● ● ●
TypeScript	● ● ● ● ●
CSS 3	● ● ● ● ●
React	● ● ● ● ●
Node	● ● ● ● ●

Languages

Portuguese	● ● ● ● ●
English	● ● ● ● ●
Spanish	● ● ● ● ●

Hobbies



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ABOUT ME

I am enthusiastic about technology in general, mainly in the areas of web development, Data Science and Blockchain. Every day after work I dedicate myself to study about one of these areas, at the moment my focus is on web development with the React JS, TypeScript, and Smart Contracts development with Solidity.

During university I was very involved in scientific research, with that, I developed the ability to go after my goals, study a specific topic with focus, and persistence in pursuing problem solutions.

Today, in my work as a Trainee Software Engineer, I develop the ability to communicate with different people profiles, the ability to design processes that meet the needs of stakeholders and work in teams.

EXPERIENCE

LEVTY SISTEMAS LTDA

Software Engineer

Aug 2020 - Present - 10 months, Remote

LEVTY specializes in the SYDLE ONE platform, within the company I work with the team that provides services to the BS2 digital bank, working directly with customers daily. The job consists of holding meetings with the bank's business areas, understanding the needs, architecting business processes using the BPMN notation, defining features to be developed, developing user stories, implementing them within the SYDLE environment using JavaScript, ElasticSearch and integrating with several external REST APIs, make unit test plans for each user story, approvals and take the solutions to production. We work using agile Scrum and Kanban methodologies and follow everything through Azure DevOps.

Federal University of Juiz de Fora

Researcher

Aug 2018 - Jun 2020 - 1 year 11 months, Juiz de Fora

Research in Computational Methods for the Generation of Adaptive Curricular Sequences (ACS), in which the generation of ACSs can be used in the context of online learning to provide students with personalized learning, recommending to each student in a course an orderly sequence of materials based on characteristics, needs and preferences of each student. Development of the article "Metaheuristic-based adaptive curriculum sequencing approaches: a systematic review and mapping of the literature" published in the Artificial Intelligence Review / Springer magazine. Research on how to improve the material repositories used so that students have more appropriate materials, improving their learning. Data analysis and optimization algorithms in Python 3.

Rede Nacional de Ensino e Pesquisa (RNP)

Research Intern

Mar 2018 - Dec 2018 - 10 months, Juiz de Fora

Research, development, and testing in the Advanced Video Search Working Group based on audio transcription, metadata, semantic annotation, and recommendation (GT-BAVi) on the National Education and Research Network (RNP). Development using Java, MySQL, SPARQL, Bootstrap 3, GitLab, shell script, GlassFish Server, JSON, and docker technologies in Linux environment.

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EDUCATION

Bachelor of Computer Science

Federal University of Juiz de Fora

2016-2020, Juiz de Fora, MG - Brazil

PUBLICATIONS

Metaheuristic-based adaptive curriculum sequencing approaches: a systematic review and mapping of the literature

Jun 2020

Artificial Intelligence Review / Springer

PROJECTS

Podcastr

Apr 2021

Front-end project to a podcast site. #ReactJS #Next.js #SASS #TypeScript

The image shows a screenshot of the Podcastr application. On the left, there's a purple headphones icon followed by the word "Podcastr". Below it, the text "O melhor para você ouvir, sempre" is displayed. The main part of the screenshot shows a list of podcasts with their names and small thumbnail images. One specific episode from the "Tudo em episódios" section is highlighted, showing its title and a play button.

Pop Bank

Apr 2021

Pop Bank is a decentralized bank created to run on the Ethereum Blockchain. #Solidity #Web3.js #Truffle #Ganache #ReactJS

Papier

Mar 2021

Papier is a simple note taking app developed with the serverless computing model, also known as "Functions as Service" (FaaS). #Amazon AWS #ReactJS #Bootstrap

Ecoleta

Jul 2020

Full-stack project to connect people with companies that collect specific waste.
#ReactJS #React Native
#Node.js #TypeScript

The image shows a screenshot of the Ecoleta application. The top header is purple with the word "Ecoleta" in white. Below the header, there's a section titled "Seu marketplace de coleta de resíduos." with a sub-instruction "Ajude pessoas a encontrarem pontos de coleta de forma eficiente." At the bottom, there's a green button labeled "Pegar pontos de coleta". To the right, there's a character holding a recycling bin and a trash can, with a small "Ecoleta" logo next to them.