NÍCOLAS TERRA MAIA

Software Engineer

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Summary

Bachelor of Information Systems (2022) with experience as a Developer Analyst at Neopath since 2021. Skilled in a diverse range of technologies including C#, NodeJS, ReactJS, React Native, Docker, Ansible, and Elastic Stack.

Skills

- .NET C# • Asp.Net MVC • Javascript • Typescript • React Native • ReactJS • NodeJS • Redux • Java • SpringBoot
- Mockito • JUnit5 • AWS • Firebase • Docker • Ansible • Elastic Stack • Git • Github • Oauth2 • SQL • PostgreSQL
- MySQL • NoSQL • CouchDB • API REST • JSON

Experience

Neopath Integrated Systems LTDA
Rio de Janeiro - RJ, Brazil
06/2021 - current

Developer Analyst

- Led the development of an ETL solution using NodeJS, optimizing ticket transformation and significantly reducing maintenance time and costs;
- Revamped the playback application, eliminating the need for an intermediate VM, cutting hosting costs, and simplifying the system using C# for .NET 6;
- Developed a React Native mobile app for WebRTC communication, ensuring seamless integration with existing desktop applications;
- Leveraged Ansible for VM orchestration, ensuring efficient communication between VOIP-enabled devices;
- Using Python, I created an Rest API for the Whisper tool (which is open source) to transcript audio, saving the company substantial costs compared to the previous solution;
- Continuously enhanced and reworked the ASP.NET application, ensuring a user-friendly interface and streamlined configuration processes;
- Daily utilization of Docker for accelerated maintenance and version updates of server-side Linux applications;
- Expertise in Elasticsearch for crafting insightful dashboards, empowering clients to make informed decisions based on communication data.

CCAA
Itaguaí - RJ, Brazil
08/2015 - 12/2018

English Teacher

- Basic levels;
- Intermediate levels;
- Advanced levels.

IT Grande Hotel
Itaguaí - RJ, Brazil
02/2014 - 10/2014

Computer Technician

- Computer Maintenance;
- Network Maintenance;
- Stock Assistant.

Education

Universidade Federal Rural do Rio de Janeiro
Bachelor of Information Systems
02/2018 - 09/2022

Universidade Federal Rural do Rio de Janeiro
Computer Applied Mathematics
02/2016 - 12/2017

Languages

- Portuguese - Native
- English - Fluent
- Spanish - Intermediate

Projects

CidadeSocial
Universidade Federal Rural do Rio de Janeiro
02/2020 - 09/2022

Engaged in the "CidadeSocial" project during university, contributing to the enhancement of a mobile app connecting individuals within the same campus, city, or neighborhood through shared interests and proximity.

- Uses React Native for the frontend, Spring Boot for the backend and PostgreSQL as database;
- Unit testing with JUnit;
- Foundation for my final graduation project, where I created a Recommender System for CidadeSocial;
- Presented this project at the SBBD 2023 event.

MyFarm++
Universidade Federal Rural do Rio de Janeiro
01/2019 - 06/2021

During college, collaborated on the development of a mobile application designed to manage and monitor tomato crops.

- Uses React Native for the frontend;
- Uses CouchDB as its database;
- This project was presented at the SBIAgro 2019 event.