

Personal Information

Full Name: Naomi Calilo Costa

Birthdate: 21/06/1997

Gender: Male

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My Portfolio: <https://calascosta.github.io/ncc-portfolio/>

Education

Degree in Software Engineering from the Polytechnic Institute of Setúbal - Portugal.

Experience

- Advisor for Programming Project at Polytechnic High School SOS - Bissau/Guinea-Bissau (03/2023 – present)
- Java Internship at Capgemini - Lisbon (06/2022 – 12/2022)
- Development of a full-Stack webapp for a private startup as a freelancer (04/2021 – 05/2021)
- One Semester of Participation in the Erasmus+ Exchange in Poland
- Former Chairman of the Board of Directors in the government organization Children's Parliament of Guinea-Bissau. (2014 – 2016)

Technical Skills

Java, JavaScript, HTML, CSS, EJS, Node.js/Express.js, Python, SQL, MySQL, Git, GitHub, Version Control, and JDBC, React.js, React Native, Selenium, Cucumber, Figma.

Projects

EngWithYTV (Final Bachelor's Project) – Fullstack web application that allows the user to study English through YouTube videos. To attain this goal, the project was divided into two phases: Gathering requirements and designing mockups, and development of the web application.

Technologies and Concepts:

- React.js for the frontend development
- Node.js/Express.js for the server side, using the REST methodology
- MySQL for data persistence
- YouTube API for consuming YouTube data
- React-google-login for user registration and login
- Deepgram for obtaining video transcript
- Merriam-webster API for consuming Merriam-webster dictionary data

Web Programming – Development of a Full-Stack web solution that would allow the creation of a website with information about video games and a forum on the subject. **Technology and Concepts:** HTML, CSS, JavaScript, EJS, Node.js/Express.js and MySQL.

Database Complements – Implementation of a new system of grouping schools called "Agrupamento STB" that allows guardians to control their children academic activities, in which it was necessary to model and integrate, in a new Database, the fragments of information that were exported from a poorly modelled database. **Technologies and Concepts:** SQL Server Management, Programming (Stored Procedures, Functions, Triggers), Metadata, Indexes, Backup and Recovery, Access Levels, Encryption and Transaction Control.

Advanced Programming – Development of a graphical app in which the users view, manipulate, and obtain information about a logistics network. **Technologies and Concepts:** Java, List and Map abstract data types, Graph, Graph Adjacency List, Binary Search Tree, Observer Design Pattern, Strategy Design Pattern, MVC Design Pattern and Code Refactoring.

Mobile Computing – Development of a mobile app that helps preventing forgetting disease (Alzheimer) through a memory match game. **Technologies and Concepts:** Android Studio (Java) and React Native versions.

Additional Training

- DevOps, Cloud, and Agile Foundations
- Responsive Web Design – freeCodeCamp
- The Complete 2020 Web Development Bootcamp – Udemy (Instructor: Angela Yu)
- JavaScript Algorithms and Data Structures – freeCodeCamp
- Consulting Skills – Capgemini
- Relational Data Base (Oracle) – Capgemini

Languages

Portuguese and English