

ASSIS FERREIRA

SOFTWARE ENGINEER

CONTACT

ferreira.assisruny@gmail.com

LINKS

assisfery.github.io

linktr.ee/assisfery

linkedin.com/in/assis-ferreira

INTERESTS

- Web development
- Mobile Development
- Artificial Intelligence and Chatbot
- Electronic Payment Technologies
- Hacking and IT Security
- Game Development
- Speech Synthesis and Recognition

IDIOM

- Cape Verdean Creole (Native/C2)
- Portuguese (Fluent/C2)
- English (Post-Intermediate/B2)

EXPERIENCE

TECHLEAD AND FULL STACK DEVELOPER

DEVNOLOGY (devnology.com.br)

MAY 2022 - PRESENT BELO HORIZONTE, BRASIL(REMOTE)

Developers of online systems, crawlers, robots and applications for various purposes.

Tech Stack: HTML CSS Bootstrap JS PHP Laravel REST MySQL Flutter NodeJS AdonisJS NestJS

FOUNDER AND SOFTWARE ENGINEER

FAXI (www.faxi.online)

SET 2019 - PRESENT

PRAIA, CABO VERDE

Online Payment Platform, which allows you to recharge your mobile phone, pay bills and buy tickets in a Web App and a Chatbot on Facebook Messenger.

Tech Stack: HTML CSS Bootstrap JS VueJS PHP Laravel REST MySQL/MariaDB

IT SOLUTION DEVELOPER

INTERBANK SOCIETY AND PAYMENT SYSTEMS - SISP

(www.sisp.cv)

OUT 2017 - JUL 2022

PRAIA, CABO VERDE

Financial Institution in charge of managing activities related to the development and use of means of payment in Cape Verde.

Tech Stack: HTML CSS Bootstrap JS jQuery C# Asp .NET WebForms .NET Core Oracle PostgreSQL SOAP REST

Contact: Daniela Araújo (daraujo@sisp.cv)

SOFTWARE ENGINEER (PART TIME)

CHATTRACE (www.chattrace.com)

FEV 2021 - JUL 2021

PRAIA, CABO VERDE

SAAS to create chatbot for multiple channels.

Tech Stack: HTML CSS Bootstrap JS VueJS PHP Websocket REST

Contact: António Fernandes (silfer.antonio@gmail.com)

CO-FOUNDER AND LEAD PROGRAMMER

NHABEX (www.nhabex.com)

DEZ 2016 - MAR 2018

PRAIA, CABO VERDE

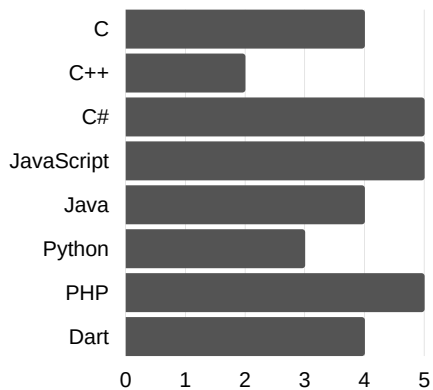
Innovative and differentiated solution for queue management.

Tech Stack: HTML CSS Bootstrap JS Angular 1 PHP Websocket REST MySQL

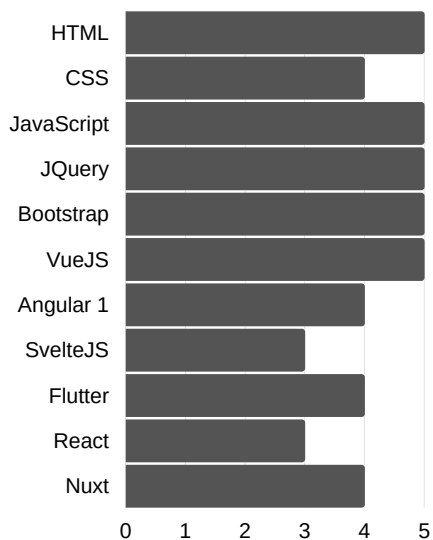
Contact: Eloy Tavares (eloytavares@yahoo.com.br)

SKILLS AND EXPERIENCES

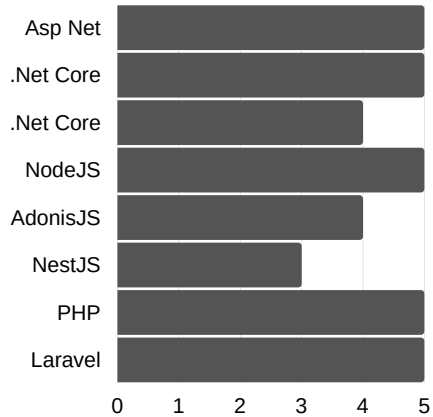
PROGRAMMING LANGUAGES



FRONTEND



BACKEND



INTERNSHIP AS WEB DEVELOPER (PART TIME)

BONAKO (www.bonako.com)

DEZ 2016 - MAR 2017

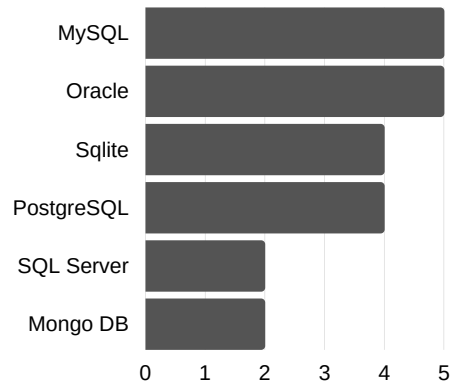
PRAIA, CABO VERDE

Producer of digital games and mobile applications, inspired by African folklore, stories, games and rich African culture.

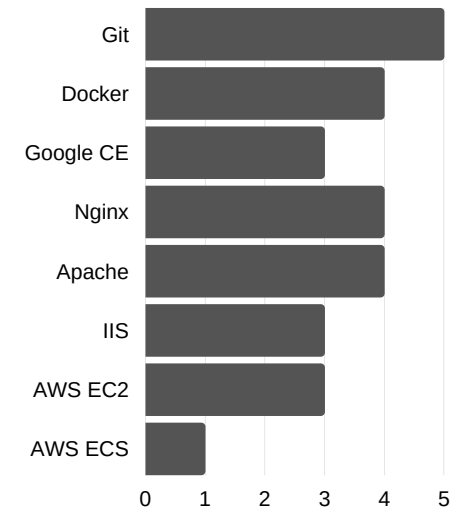
Tech Stack: HTML CSS JS PHP

Contact: Joelson Leal (joelson.leal@digital.cv)

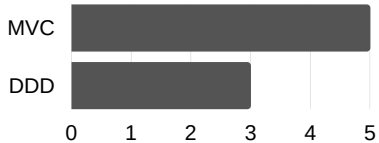
DATA BASE



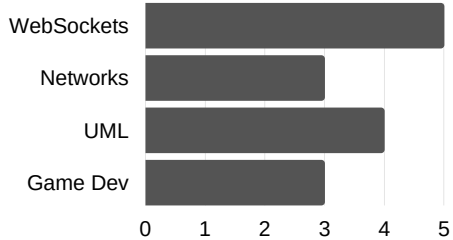
DEVOPS



DESIGN PATTERNS



OTHERS



EDUCATION

DEGREE IN COMPUTER SCIENCE AND ENGINEERING

UNIVERSITY OF CAPE VERDE - UNICV (unicv.edu.cv)

2013 - 2017

PRAIA, CABO VERDE

Study Area

- Information Systems Programming

HIGH SCHOOL

SECONDARY SCHOOL ARMANDO NAPOLEÃO FERNANDES -

ESANF

2007 - 2013

ACHADA FALCÃO, CABO VERDE

Study Area

- Sciences and Technologies

CERTIFICATES

INTRODUCTION TO SCRATCH PROGRAMMING

GREENSTUDIO

MAR 2017 - APR 2017

PRAIA, CABO VERDE

APPLIED DATA SCIENCE FOR DEVELOPERS/BIGDATA

WORKSHOP

OPENUP

MAI 2019

PRAIA, CABO VERDE

EMV FOR ACQUIRERS, ISSUERS AND PROCESSORS

ARGOTECHNO

JUN 2019

PRAIA, CABO VERDE

MICROSOFT SECURE DEVELOPMENT LIFECYCLE (SDL)

OPENUP

JUL 2019

PRAIA, CABO VERDE

PAYMENTS PROFESSIONAL BOOTCAMP CARD SCHEMES TO BLOCKCHAIN

ELWIN SYLVESTER

OUT 2019

UDEMY

EMV MODULE 1: A BEGINNER'S GUIDE TO CHIP CARD

TRANSACTIONS

HERVE ZENNER

OUT 2019

UDEMY

GETTING STARTED WITH WEBASSEMBLY & EMSCRIPTEN

RAY VILJOEN

JAN 2020

UDEMY

GETTING STARTED WITH GIT AND GITHUB

IBM

JUN 2022

COUSERA

INTRODUCTION TO DEVOPS

IBM

JUN 2022

COUSERA

DOCKER ESSENTIALS & BUILDING A CONTAINERIZED WEB APPLICATION

COURSERA PROJECT NETWORK

JUL 2022

COUSERA

NESTJS ZERO TO HERO - MODERN TYPESCRIPT BACK-END DEVELOPMENT

ARIEL WEINBERGER

AGO 2022

UDEMY

AWARDS

FIRST PLACE IN THE SOFTWARE ENGINEERING CONTEST

CONTEST HELD BY THE UNIVERSITY OF CAPE VERDE (UNICV) IN THE CONTEXT OF THE INFORMATICS AND MULTIMEDIA TECHNOLOGY WEEK (TIM), CONTESTED WITH A COMPUTER CONTROL PROJECT THROUGH VOICE COMMANDS.

MAI 2016

TIM WEEK - UNICV

SELECTED TO REPRESENT CAPE VERDE ON WEBSUMMIT

2021

10 STARTUPS WERE SELECTED TO BE PART OF THE GOGLOBAL PROGRAM OF THE DIGITAL CABO VERDE INITIATIVE.

NOV 2021

LISBOA, PORTUGAL

HIGHLIGHTED PROJECTS

BONAKO WEBSITE

DEVELOPED AT BONAKO

Website for the company BONAKO to disclose the products developed, the services provided and other information.

My Role: Programmer

Tech Stack: HTML, CSS, JS, PHP

NHABEX

DEVELOPED AS A PERSONAL PROJECT

Web and Chatbot Solution for Monitoring Online Queues in Real Time and printing tickets remotely.

My Roles: Co-founder, Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Angular 1, Bootstrap, PHP, REST, MySQL, WebSocket

PORTAL FOR SERVICE ENTITIES

DEVELOPED AT SISP

Portal aimed at companies from different sectors of activity that provide services on Rede vinti4.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Bootstrap, C#, ASP NET WebForms, SOAP, ORACLE

KNOWLEDGE BASE

DEVELOPED AT SISP

Centralized module to accumulate and manage information about the most diverse services and procedures of SISP.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Bootstrap, C#, ASP NET WebForms, ORACLE

EASYLINK VINTI4

DEVELOPED AT SISP

Service for creating direct payment links for sales of merchants' products and services.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Bootstrap, C#, ASP NET WebForms, SOAP, ORACLE

SEND RECEIPT VIA SMS

DEVELOPED AT SISP

Sending the link/url of the purchase receipt and other operations from a POS terminal to the customer's mobile phone via SMS.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Bootstrap, C#, ASP NET WebForms, SOAP, REST, ORACLE

PORTAL FOR DIGITAL CERTIFICATES

DEVELOPED AT SISP

Portal for requesting digital certificates and issuing timestamp seals for documents.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, Bootstrap, C#, .NET Core, SOAP, ORACLE

PAYMENT SERVICES MIDDLEWARE

DEVELOPED AT SISP

Intermediary that receives payment information sent by TCP/IP and sends it to the Entities' WebServices by REST and SOAP according to the configurations made.

My Roles: Analyst, Programmer

Tech Stack: C#, ASP NET, TCP/IP, REST, SOAP, ORACLE

WORDPRESS PLUGIN TO ACCEPT PAYMENTS ON REDE VINTI4

DEVELOPED AT SISP

Development of a WordPress plugin that is easily installed and integrated with Woocommerce.

My Roles: Analyst, Programmer

Tech Stack: PHP, Wordpress, Woocommerce

DRUPAL PLUGIN TO ACCEPT PAYMENTS ON REDE VINTI4

DEVELOPED AT SISP

Development of a Drupal plugin to facilitate the implementation of payments with this CMS.

My Roles: Analyst, Programmer

Tech Stack: PHP, Drupal, Commerce Kickstart

INTEGRATION OF ELECTRA'S PREPAID SERVICE IN REDE VINTI4

DEVELOPED AT SISP

Integration and payment acceptance of Electra's Prepaid service (electricity company) in the Rede vinti4.

My Roles: Analyst, Programmer

Tech Stack: C#, ASP NET, TCP/IP, SSL, ORACLE

FAXI

DEVELOPED AS A PERSONAL PROJECT

Online Payment Platform, which allows you to recharge your mobile phone, pay invoices and buy tickets in a Web App and in a Chatbot within Facebook Messenger.

My Roles: Founder, Analyst, Programmer

Tech Stack: HTML, CSS, JS, JQuery, VueJS, Bootstrap, PHP, REST, MySQL, Laravel

REAL-TIME MULTICHANNEL INBOX

DEVELOPED AT CHATRACE

Multichannel conversation module that allows managers to talk to customers and help the chatbot respond to customers.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, VueJS, Bootstrap, PHP, REST, MySQL, WebSocket, Ratchet(socketo.me)

CHATBOT FOR WEB

DEVELOPED AT CHATRACE

Plugin that allows managers to integrate a chatbot on websites, in a simple and practical way.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, VueJS, Bootstrap, PHP, REST, WebSocket

API FOR DIGITAL CERTIFICATE REQUEST

DEVELOPED AT SISP

API for digital certificate requests made available to the Ministry of Finance, enabling taxpayers to request, receive and use certificates from the Ministry's system.

My Roles: Analyst, Programmer

Tech Stack: HTML, CSS, JS, Bootstrap, REST, SOAP, Oracle, PostgreSQL

3DS PROTOCOL MIDDLEWARE

DEVELOPED AT SISP

Middleware to allow the merchants to accept 3DS transaction without implementing it in their platforms.

My Roles: Analyst, Programmer

Tech Stack: PHP, SQLITE

123MILHAS FEATURES

DEVELOPED AT DEVNOLOGY

Creation and improvement of features in 123milhas.com platform.

My Roles: Programmer

Tech Stack: PHP, Laravel, MySQL, Docker

OTA MIDDLEWARE FOR

CARROS 123MILHAS

DEVELOPED AT DEVNOLOGY

Development of a middleware to convert the API at carros.123milhas.com to OTA Standard in REST format.

My Roles: Tech Lead, Programmer

Tech Stack: Typescript, NodeJS, AdonisJS, Docker, AWS EC2, AWS ECS

123MILHAS BACKOFFICE API

DEVELOPED AT DEVNOLOGY

API Development for Backoffice modules, for authentication, user, groups and access management.

My Roles: Tech Lead, Programmer

Tech Stack: Typescript, NodeJS, NestJS, MySQL, REST, Docker

123MILHAS BACKOFFICE

FRONTEND

DEVELOPED AT DEVNOLOGY

Development of Web Frontend module to authenticate and management of users, groups and access.

My Roles: Tech Lead, Programmer

Tech Stack: Flutter, REST