ASSIS FERREIRA

SOFTWARE ENGINEER

CONTACT

+238 5890230

ferreira.assisruny@gmail.com

Palmarejo, Praia, Cabo Verde

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)
- Portuguese (Fluent)
- English (Professional)

EXPERIENCE

TECHLEAD AND FULL STACK DEVELOPER
DEVNOLOGY
MAY 2022 - PRESENT   BELO HORIZONTE, BRASIL(REMOTE)

Developers of online systems, crawlers, robots and applications for various purposes. (devnology.com.br)
Tech Stack: HTML CSS Bootstrap JS React NextJS PHP Laravel REST MySQL

FOUNDER AND SOFTWARE ENGINEER
FAXI
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. (www.faxi.online)
Tech Stack: HTML CSS Bootstrap JS VueJS PHP Laravel REST MySQL/MariaDB

IT SOLUTION DEVELOPER
INTERBANK SOCIETY AND PAYMENT SYSTEMS - SISP
OUT 2017 - PRESENT   PRAIA, CABO VERDE

Financial Institution in charge of managing activities related to the development and use of means of payment in Cape Verde. (www.sisp.cv)
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)
CHATRACE
FEV 2021 - JUL 2021   PRAIA, CABO VERDE

SAAS to create chatbot for multiple channels. (www.chatrace.com)
Tech Stack: HTML CSS Bootstrap JS VueJS PHP Websocket REST
Contact: António Fernandes (silfer.antonio@gmail.com)

CO-FOUNDER AND LEAD PROGRAMMER
NHABEX
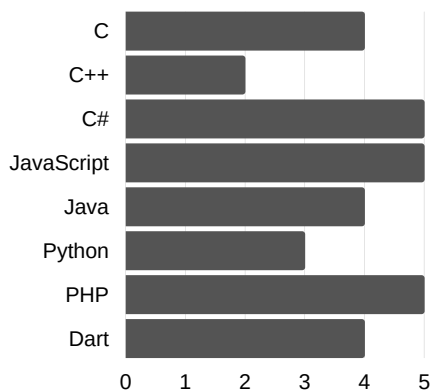DEZ 2016 - MAR 2018   PRAIA, CABO VERDE

Innovative and differentiated solution for queue management. (www.nhabex.com)
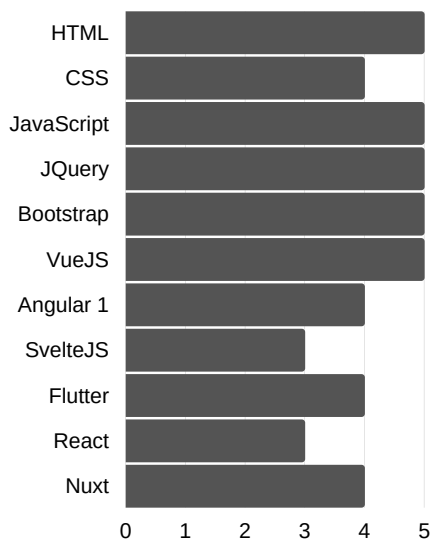**Tech Stack:** HTML CSS Bootstrap JS Angular 1 PHP Websocket REST MySQL
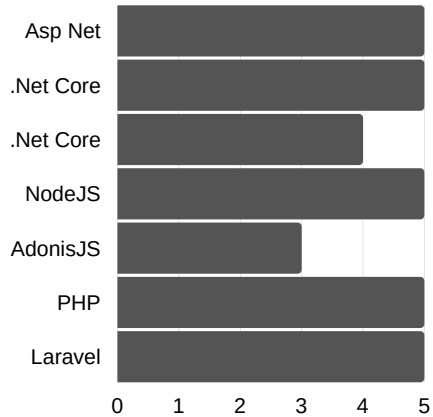**Contact:** Eloy Tavares (eloytavares@yahoo.com.br)

SKILLS AND EXPERIENCES

PROGRAMMING LANGUAGES

Language	Rating
C	4
C++	2
C#	5
JavaScript	5
Java	4
Python	3
PHP	5
Dart	4

FRONTEND

Technology	Rating
HTML	5
CSS	4
JavaScript	5
JQuery	5
Bootstrap	5
VueJS	5
Angular 1	4
SvelteJS	3
Flutter	4
React	3
Nuxt	4

BACKEND

Technology	Rating
Asp Net	5
.Net Core	5
.Net Core	4
NodeJS	5
AdonisJS	3
PHP	5
Laravel	5

INTERNSHIP AS WEB DEVELOPER (PART TIME)
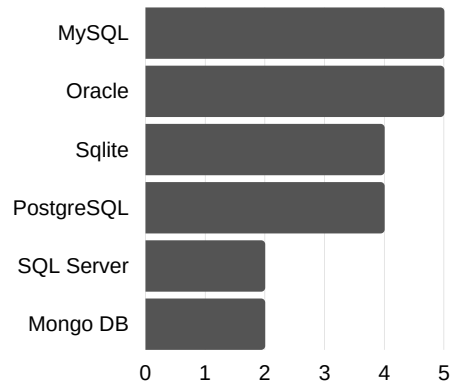BONAKO
DEZ 2016 - MAR 2017   PRAIA, CABO VERDE

Producer of digital games and mobile applications, inspired by African folklore, stories, games and rich African culture. (www.bonako.com)
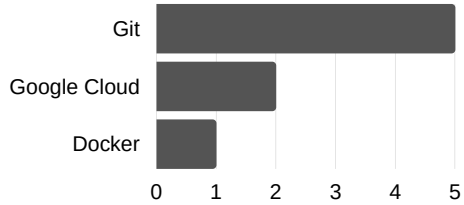**Tech Stack:** HTML CSS JS PHP
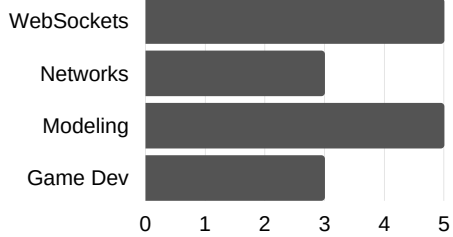**Contact:** Joelson Leal (joelson.leal@digital.cv)

DATA BASE

Skill	Level
MySQL	5
Oracle	5
Sqlite	4
PostgreSQL	4
SQL Server	2
Mongo DB	2

DEVOPS

Skill	Level
Git	5
Google Cloud	2
Docker	1

OTHERS

Skill	Level
WebSockets	5
Networks	3
Modeling	5
Game Dev	3

EDUCATION

DEGREE IN COMPUTER SCIENCE AND ENGINEERING
UNIVERSITY OF CAPE VERDE - UNICV

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

LEARN ORACLE PLSQL - A COMPREHENSIVE TRAINING COURSE
INFINITE SKILLS
ABR 2020   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 CONFIRMATION INTERMEDIARY
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, Rachet(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