

# Roberto Carlos Medina

Software Engineer / Software Developer

23 years old, born May 4, 1999

Mindelo, Cape Verde

5th of July Avenue

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## EXPERIENCES

### DevGo, Mindelo Cape Verde — *Software engineer*

March 2022 - Present

DevGo is a Cape Verdean company of international level specialized and focused on the development of innovative software products.

- I worked as a Frontend developer for 2 software products using React Js, Angular and TypeScript as development technologies
- I worked as a Backend developer for a software project using Node Js, GraphQL, Python, TypeScript with main tools
- I participated in the development of a software product involving IoT, using the OCPP protocol to be used in parallel with an application
- I worked as a mobile application developer focusing on scalability using Dart, Flutter and Java as development tools
- I worked with Scrum methodologies to assist in the development process of several software products
- Together with my development team we managed to publish 2 software products
- I participated in the development process of micro services using .NET, Python and Node Js to facilitate the deployment and scalability of software

### Technical University of the Atlantic (UTA), Santo Antão Cape Verde — *Assistant professor*

November 2022 - Present

UTA University is one of Cape Verde's public universities spread across two islands.

- I worked as an assistant professor of introductory programming courses for first-year students
- I used Python as an introductory language to teach programming to first-year engineering students

## LINKS

<https://robcm.netlify.app/>

<https://www.linkedin.com/in/robertocarlosmedina/>

<https://github.com/robertocarlosmedina>

## SKILLS

### Tools

NoSQL · SQL · MySQL · PostgreSQL · MongoDB · Python · C · Java · Javascript · HTML · CSS · C sharp · .NET · TypeScript · React Js · Node Js · GraphQL · Flutter · Git

### Operating systems

Unix · Linux · Windows

### Cloud Technologies

Azure · AWS · Google Cloud

## CERTIFICATES

Certified By Seed's for the Future, Huawei – 2021

Certified By Seed's for the Future, Huawei – 2022

## LANGUAGES

Portuguese  
English

## **cvbooking, Mindelo Cape Verde — *Software developer***

May 2021 - September 2022

## **cvbooking, Mindelo Cape Verde — *Junior Software Developer***

February 2021 - May 2021

cvbooking was created to focus exclusively on the property rental market in Cape Verde. The main objective of this company is to provide a software product with the aim of improving the experience of hosts and travelers.

- I worked as a tester using Python, Selenium and Chromium to do automation tests.
- I worked as a Frontend developer for a web application using Javascript, PHP and JQuery
- I worked as a Backend developer where I used Python, SQL, Javascript and PHP
- Install and configure application environments for managed hosting customers including database implementations and migrations
- Assisted in mapping workloads to Microsoft Azure resources for public, private and hybrid clouds
- Deployment of Jenkins environments for continuous integration/builds
- I participated in the development of Python scripts to automate certain tasks, contributing to the improvement of the team's productivity
- Maintenance of construction-related scripts developed in ANT, Python, PHP, Javascript and Shell.

## **GuestHouse Soncent, Mindelo Cape Verde — *IT Technician / Junior Software Developer***

February 2020 - February 2021

GuestHouse Soncent is a hospitality company that uses software resources to increase its efficiency in providing its services.

- I worked with Python to build a booking confirmation automation system
- I worked on building Python scripts to sync booking calendars from different platforms into a single booking calendar
- I participated in the construction of an application to control reservations from several online booking platforms, using Javascript, Python, SQL and React Js

## EDUCATION

### **Technical University of the Atlantic (UTA), Mindelo Cape Verde** — *Computer Science and engineering*

October 2018 - October 2022

I participated in the training course for a Degree in Informatics and Telecommunications Engineering at UTA, where I finished my final project with the maximum grade.