

Nelson Melo

Software Developer

Wellington, FL - Email me on Indeed: [indeed.com/r/Nelson-Melo/311f07d3b95e8577](https://www.indeed.com/r/Nelson-Melo/311f07d3b95e8577)

Authorized to work in the US for any employer

WORK EXPERIENCE

Backend Developer

ZENDO - Fort Lauderdale, FL - July 2015 to March 2016

Responsibilities

Lead Backend engineer in charge of API, ecommerce and some mobile development.

Accomplishments

- Implemented full Platform API in NodeJS to support IOT devices of various classes using HapiJS, MongoDB and Amazon Kinesis. Wrote tests, implemented CI, performed load testing.
- Re-implemented Platform API in Golang and PostgreSQL with Amazon Kinesis integration and integration with custom Websockets solution implemented in Golang.
- Tested various IOT real time video streaming solutions. Implemented prototype using Wowza, AWS Cloudfront and Video.JS player.

Skills Used

Software Architecture, Node.JS, Golang, Swift, PHP

Senior Developer - AppEngine

Kaplan University - KAPx - Fort Lauderdale, FL - July 2013 to June 2015

Core KAPx developer for MountWashington College in charge of building and maintaining platform features. Built the grade book, Salesforce integration and grade checker.

Implemented Google Cloud Endpoints and API client library for Wordpress KAPx front end.

Developed Dead link checker plugin for Moodle with Google Cloud Storage integration.

Lead Developer - Full Stack & Mobile

MehLabs LLC - Kismet & Blink - Palo Alto, CA - July 2012 to July 2013

First developer of Blink messaging iOS app including backend apis and integration, release.

Implemented iOS hangouts, maps, location, networking and other key features on Kismet's iOS app and Web apps. Released them to the Appstore.

Designed and created a highly scalable backend AppEngine application in Python from scratch; designed to support all of Kismet's features, including push notifications, and XMPP connectivity. Kismet was acquired by Yahoo in 2014.

Founder & Lead Developer

CodeModLabs LLC - Miami, FL - June 2011 to June 2012

Designed and implemented an AppEngine backend for Friendle, a turn based iOS game.

Ported Friendle to Android. Installed a scalable XMPP cluster based on ejabberd and Amazon Web Services to support the growth of Friendle.

Created a Restful backend application written in Dojo, DojoX, Python and AppEngine for Rheti.com, used to manage the core components of the Rheti mobile app creation experience.

Production Manager

Nobox Marketing Group - Miami, FL - March 2010 to June 2011

Managed the creation of AvMedMedicare.org. Role included account management, develop wireframes, develop content strategy and technical oversight of a team of 2 developers.

Developed HTML for and sent weekly email blasts to over a million users for Copa Airlines, using tools such as Campaign Monitor and Litmus.

Market Program Manager

Microsoft Global Delivery at MSN - Bogotá, Cundinamarca - January 2009 to December 2009

Re-implemented the Green Channel for Latam, Health Channel for Latam and the News Channels for Argentina, Chile, Colombia, Venezuela and Perú, using newly released MSN Unified Channel Product.

DotNet Developer & Project Server SysAdmin

Studiocom Inc - Bogotá, Cundinamarca - August 2007 to December 2008

Developed iOS applications for Coca Cola and Dunkin Donuts marketing campaigns.

Community Organizing: Lead organizer at South Florida Google Developers Group.

EDUCATION

BS in Computer Science

University of Havana - Havana

2002 to 2007

SKILLS

Swift (Less than 1 year), Node.JS (Less than 1 year), GoLang (1 year), React (Less than 1 year), Objective C (2 years), Android (Java) (1 year)

LINKS

<http://www.linkedin.com/in/nmelocu>

AWARDS

Kaplan Way Award

September 2014

Awarded the 2014 Kaplan Leadership Way award in the Continuous Transformation (innovation) category.

GROUPS

Google Technology Users Group

May 2011 to Present

Organizer at South Florida Google Developers Group.

ADDITIONAL INFORMATION

Personal Projects:

- LibrasParaCuba.com - Polymer, Gulp, Google Cloud Endpoints and AppEngine.
- Temperature for Nest - Android, Wear, Nest with an AppEngine backend.
- Alexa AppKit Lights - Amazon Echo, LIFx Bulbs, Flask and AppEngine.
- Alexa AppKit Stocks - Amazon Echo, markitondemand api, Flask and AppEngine.

Events Attended: Gophercon 2016, Gotham Go Conference 2015. Google IO 2010, 2011, 2012, 2013, 2014. Twitter Flight 2014. GDG Summit 2011, 2012. 2013. FOWA 2011. FIT 2011.