JUAN CARLOS AGUILAR BOSIGA

Electronic engineer with skills to work in a team; imagination and initiative to develop new ideas and to make decisions. Ability to learn quickly and excellent treatment of people. Currently I focus on web programming with python, node js and java technologies, Django and DRF, JavaScript and Rect.

CONTACT

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Bogotá - Colombia
Personal portfolio

@JuanCarlosAguilarB
Juan Carlos Aguilar

SKILLS

Programming

Java
node js
Python
Django/DRF
Bash
Javascript
HTML/CSS
React

Operating Systems

Linux
Windows

Software & Tools

Visualisation (matplotlib)
Data handling/analysis (numpy, pandas)
Docker

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Languages

English
French

CERTIFICATES

Java complete course
Python coplete course
Html and css fundamentals
manage and administer Linux servers

WORK HISTORY

01/2022 - 08/2022
GrupodadosSfot

Django developer

- Development and support of web applications made with Django and Javascript and deployed on Linux centos servers.
- Management of remote servers using ssh connections and virtual machines with the corresponding iso (centos and isabella).
- Manage web aplications based on rest api services.

EDUCATION

6/2016 - 2022
Universidad Distrital Francisco José de Caldas, Bogotá

Electronic engineering focused on Control (Control in continuous and discrete time), Computational Intelligence (Introduction to: Fuzzy Logic, Neural Networks and Evolutionary Computing)

GENERAL SKILLS

java | Typescript | Tailwind | git | github

PERSONAL PROJECTS

Order management web page.

Project consisted of creating a web page using the Django framework with connection to the PostgresSQL database, (CRUD). In the project, the client was presented with a page where users could see the products offered, contact area, blogs and Home.

Voice recognition.

Project in which voice signal processing was applied to obtain a database and, through computational intelligence (Machine-Learning), create a program that recognizes gender and vocal said by the user.

Development and implementation of a land vehicle.

The implementation of a land vehicle that sought to emulate autonomous driving was carried out. For this, discrete controllers, ESP32 microcontroller and sensors that could locate it in a space were used.

Development of an EMGs handle.

The technologies or methods used to date in the acquisition and preprocessing were investigated, in order to integrate a configurable acquisition system of electromyographic signals for further analysis.

Development of a graphical interface for EMG signals (in execution).

I am developing an interface that allows interactive signal graphics to be displayed in a web browser by applying the Canvas Api from an ESP32 microcontroller.