Adefolahan Akinsola

✉ adefolahanakinsola@gmail.com   📞 +2349071831303

in linkedin.com/in/adefolahan-akinsola   🔗 https://www.neuralfarms.io

Summary

Hi there,

My name is Akinsola Adefolahan, I currently work as a freelance software developer, and my fields of specialization are listed below;

1) I work in the application industry of programmable hardware using microcontrollers typically the raspberry Pi. Using this knowledge;
- I co-authored the development of a prototype automatic controlled access gate submitted to the IMECE2019 at my undergraduate level

- I also made use of this knowledge in the development of the hardware section for my undergraduate level thesis named Development and Implementation of an Attendance Management System Using Facial Recognition

2) I majorly work as a Full Stack Machine Learning Developer. I use frameworks and technologies like Tensorflow, Flask, PySimpleGUI in Python alongside languages like SQL, JavaScript and more to develop A.I enabled devices either as web or desktop applications and I have used this knowledge in the development of tools for companies like Crane Composite and AGXactly.
My focus with AI always been the field of Computer Vision but I find that myself gradually gravitating toward Natural Language Processing.

3) I also work as a regular full stack developer capable of developing, SAAS web apps and desktop apps I use Flask for the development of backend of my web applications and sometimes API's, using Flask standards like Flask Login, Flask Application Factories, Flask Forms and more. I also develop API's uing FastApi and I am very familiar with the necessary frontend tools for boostraping development processes.

4) When it comes to deployment like I am best familiar with AWS but I am also execllent at using hosting providers like Linode, Heroku and Digital Ocean.

5) I also take pleasure in developing automated system, I am familiar with the developments of bots, automated devices using sensors and actuators and automated web systems using frameworks like selenium.

That being said I am also open to learning new technologies across the various development fields.

Other thing you should know about me are;
- I am a Mechatronics Engineer by profession so I am solution and technology oriented

- I own a start-up called NeuralFarms where we are basically developing A.I powered solutions for different fields, some of which include Agricultures AGRO AI (https://play.google.com/store/apps/details?id=com.agrospectrum.agroai_app), Arts PAINT AI (http://painter-ai.herokuapp.com/).

I am someone who is capable of integrating the knowledge I have obtained across various fields and I look forward to learning from you.

Experience

Machine Learning Engineer
Crane Composites
Apr 2021 - Present (1 year +)

Founder
Plug AI
Jul 2020 - Present (1 year 9 months +)
Plug AI is providing a means of enabling all kind of software developers take full advantage of artificial intelligence by providing means that allows them Integrate A.I in their products.

Founder and CEO
NeuralFarms Limited
Dec 2019 - Present (2 years 4 months +)
Neural Farms is an agritech solution, providing technologies to empower local small scale farmer's.

Software Engineer
acepay
Aug 2021 - Dec 2021 (5 months)
Backend Developer and Web Automation

Machine Learning Engineer
AGXactly
Feb 2021 - May 2021 (4 months)
Lead Machine Learning Developer

Africahacks 2020 incubator
AfricaHacks
Feb 2020 - Oct 2020 (9 months)
This was an incubator program for African start-ups I was privilege to be part of.

Projects Developer
Federal University Of Agriculture, Abeokuta
Jan 2020 - Feb 2020 (2 months)
Development of an object recognition driven vehicle tracking traffic control system

Project Lead Developer
Federal University Of Agriculture, Abeokuta
Nov 2019 - Feb 2020 (4 months)

Development of an artificial intelligence system to predict daily load based in temperature of a 33KVA transformer

Project Lead Developer
Federal University Of Agriculture, Abeokuta
Aug 2019 - Feb 2020 (7 months)
Development of power prediction system, to predict hours of the day when there will be power supply and the quantity of power supply for 5 cities in Ibadan, based on data provided by IBEDC.

Project Lead Developer
Federal University Of Agriculture, Abeokuta
Aug 2019 - 2020 (1 year 5 months)
Development of a software to calculate, monthly, weekly and daily run off, generate result reports, and generate result graphs.

Personal Project
Federal University Of Agriculture, Abeokuta
2019 - 2020 (2 years)
Development and deployment of an automated facial recognition attendance embedded system.

Engineering Intern
Bereau of Electrical Engineering Services
Sep 2018 - Feb 2019 (6 months)
Learning all there is about electric power generation and distribution

Contract Developer
LINKSERVE CONSULTING & SERVICES LIMITED
2019 - 2019 (1 year)
Development of a software to maintain base station load and maintain quality of service

Mechanical Engineer
Federal Ministry of Works and Power School of Electrical and Mechanical Engineering
Mar 2018 - May 2018 (3 months)
Maintenance, fixing, and diagnosing of vehicle electrical and mechanical part

Engineering Internship
Chinese civil engineering and construction company
2016 - 2016 (1 year)

Education

Federal University of Agriculture Abeokuta
Bachelor of Engineering - BE, Mechatronics, Robotics, and Automation Engineering

Licenses & Certifications

Web Development - Zion Developers
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Certificate of Achievement - NaijaHacks

Free Growth-Driven Mindset Certification Course - BizSkills Academy Inc.
1231-158-463-3875

Team Building Specialty Certification - BizSkills Academy Inc.
1231-158-457-4563

Ideation Certification - BizSkills Academy Inc.
1231-158-462-5965

Customer Understandin - BizSkills Academy Inc.
1231-158-472-0390

Customer Validation - BizSkills Academy Inc.
1231-158-472-0421

Competition and Competitive Strategy - BizSkills Academy Inc.
1231-158-472-0445

Cost and Financial Modellin - BizSkills Academy Inc.
1231-158-472-0480

Skills

Artificial Neural Networks • TensorFlow • SQL • Database Management System (DBMS) • Amazon Web Services (AWS) • PyTorch • DevOps • Desktop Application Development • Web Application Development • Docker Products