

Emmanuel Aninwezi Ikechukwu

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SUMMARY

- I am a highly capable and motivated biotechnology graduate with analytical and problem-solving skills.
- Inspired by computer programming, passionate about traveling, and experienced community service volunteer.

EDUCATION

- **Kazan National Research Technological University, Kazan, Russia.** *September 2019 - June 2023*
BSc. Biotechnology GPA: 4.48/5.0

PROJECTS AND PYTHON PROGRAMMING EXPERIENCE

DeepCryptoForecast: Predicting Bitcoin Prices with LSTM

Machine Learning Engineer

January 2023- July 2023

- Developed and implemented an advanced LSTM neural network to predict market prices for Bitcoin (BTC-USD) with an impressive accuracy of 96.64%, showcasing expertise in deep learning and data analysis.
- Leveraged cutting-edge techniques, such as early stopping and model checkpointing, to optimize the LSTM model's performance, demonstrating strong problem-solving and optimization skills in predictive modeling.
- Collected and preprocessed historical financial data using Python's "yfinance" library, displaying proficiency in data acquisition and manipulation to extract meaningful insights from vast datasets.

PROJECTS AND DART PROGRAMMING EXPERIENCE

Davayte

April 2022 - Present

Founder and Lead Developer

- A platform that allows users create, participate and manage events. On Davayte, users connect by participating in events.
- Stack: Dart (Flutter), Bloc State-Management, MVVM design-pattern, get_it (Dependency injection), emailJS, Flutter-wave, JavaScript (NodeJS), Rest API, WebSocket.

Homers

September - November 2021

Founder and Lead Developer

- Built a hybrid app for renting and selling properties which include apartments, lodges, and short lets.
- Stack: Dart (Flutter), Bloc State-Management, MVVM design-pattern, Rest API, get_it (Dependency injection).

E-Shoppins

June - September 2021

Flutter Developer

- Built a hybrid app for online shopping. Features a responsive admin page and a beautiful user interface.
- Used Firebase for handling, processing and managing backend functionality and cloud Firestore Database for storing data.
- Stack: Dart (Flutter), Providers State-Management, MVVM design pattern, Firebase.

Travelashy*JavaScript & Dart Developer*

- Built a hybrid application that allows adventurers to post pictures of interesting places they visit.
- Create RESTFUL API endpoints using JavaScript (NodeJS) for interaction with the front end application.
- Used Flutter as front end framework in creating responsive and elegant user interface.
- Stack: JS(NodeJS), RESTFUL API, Dart (Flutter), NoSQL (Mongo DB), Git, Postman

PROJECTS AND C PROGRAMMING EXPERIENCE

C Developer

January 2022

Worked on get_next_line, a function that returns a line read from a file descriptor.

- Implemented a function that can return a single line read from a file descriptor, without losing track of the next line and with a random buffer size.

C Developer

January 2022

Worked on printf, a re-implementation of the C standard Library.

C Developer

October 2021

Worked on Libft, a re-implementation of the C standard Library.

PROJECTS AND JAVASCRIPT PROGRAMMING EXPERIENCE

Daily-Dose

March- April 2021

JavaScript Developer

- I built a full-stack web diary that allows users to record events.
- I utilized EJS when I had to output HTML with plain javascript
- Stack: JS(EJS & NodeJS), HTML/CSS, NoSQL (Mongo DB), Git, Postman

Travelashy

February - March2021

JavaScript & Dart Developer

- Built a hybrid application that allows adventurers to post pictures of interesting places they visit.
- Create RESTFUL API endpoints using JavaScript (NodeJS) for interaction with the front end application.
- Used Flutter as front end framework in creating responsive and elegant user interface.
- Stack: JS(NodeJS), RESTFUL API, Dart (Flutter), NoSQL (Mongo DB), Git, Postman

HONORS AND AWARDS

- Runner up "Haksium Hackathon" in Moscow, 2020
- Awarded the BEA (Bilateral Education Agreement) Scholarship for a fully funded undergraduate degree in Biotechnology by the Russian Federation, 2018

VOLUNTEER ACTIVITIES

- Volunteer Kazan Marathon, **2019**
- World Skills Kazan, **2019**

LANGUAGES

- English (Fluent)
- Russian (Proficient)
- Igbo (Fluent)