OKOROAFOR CHIGOZIE MICHAEL
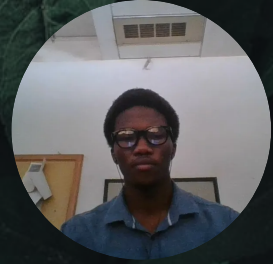
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Education

BSc Computer Science with Mathematics
Obafemi Awolowo University

Skills

Deployment (Amazon EC2, Heroku, DigitalOcean, Render)

Personal Skills (Proficiency with Python and Javascript Experience with development frameworks and database systems Ability to debug code and solve problems Ability to coordinate team members irrespective of age and status. Ability to take up leadership roles if required)

Programming (Python, Flask, Django, Javascript, NodeJs, ExpressJs)

Job Title

Software Engineering Intern

Experience

MedEase   12/2021 – 02/2022 | Nigeria
Backend Developer
Worked with a team on a school project to create a file management system for easy access and distribution among administrative staff and medical personnel.
Tools: Django, Heroku, MongoDB
Contribution:
- Developed RESTful APIs to streamline the upload and retrieval of patient data, reducing manual data entry by 75% and improving data accuracy by 90%.

Haggai   03/2022 – 07/2022 | Nigeria
Backend Engineer
Partnered with a colleague to develop HAGGAI, an educational application tailored for Christians which offers a range of features including access to Open Heavens devotions, Bible, and Hymns.
Contributions:
  - Designed APIs responsible for enabling users' retrieval and upload of various types of content, such as devotions, hymnals, videos, and sermons, organized according to folders, current dates and user preferences.
  - My responsibilities included both the initial creation and the ongoing maintenance of these APIs.

OOPatrick Technologies   03/2022 – 09/2022 | Nigeria
Backend Engineer, Boxin
Worked with a team on the development of BOXIN, a logistic platform that connects customers
with restaurants/stores in their local environment.

Tools: Flask, MongoDB, AWS, Paystack

Contributions:
- Developed APIs with Flask and integrated MongoDB as the database for facilitating the
  seamless uploading of products for merchants/restaurants.
- Created a robust carting system, enabling users to create and customize orders with ease.
- Implemented a dynamic feature to display nearby stores based on the user's location within a
  specified radius.

OOPatrick Technologies   11/2022 – 03/2023
Backend Developer, VBA Bitbull
Worked with a team to create VBA Bitbull, a user-friendly cryptocurrency trading platform
specializing in USDT pairs.
Implemented a subscription-based model where "Base Users" can join signal groups managed by
"Trade Managers." These managers utilize Telegram to send trade signals, offering real-time
notifications and automated trade execution for group members.

Tools: Flask, MongoDB, AWS, Stripe, CoinbaseCommerce, SendGrid

Contributions:
• Created features for monitoring users' and trade managers' positions.
• Created APIs for closing single and multiple trades for users,
• Implemented payments using card and crypto options.
• Implemented a subscription-based model where "Base Users" can join signal groups managed by
  "Trade Managers."

OOPatrick Technologies
Backend Developer, NoonPool
Worked with a team in developing NoonPool, an application used for monitoring miners' earnings
on the Blinkhash Mining Pool.

Tools: Flask, MongoDB, Contabo,

Contributions:
• Utilized Python's Flask framework in conjunction with MongoDB to architect and develop APIs
  tailored for specific functionalities.
• Oversaw the real-time monitoring of users' pool mining data within the BlinkHash Mining Pool.
• Managed the seamless distribution of miners' earnings to their designated network wallets.
• Engineered a transaction system capable of generating and transmitting transactions on behalf
  of users, adhering to their specified network preferences.
• Successfully deployed these APIs on a Contabo server, akin to leading cloud service providers
  like AWS and DigitalOcean.

Obafemi Awolowo University, Computer Centre   07/2023 – 10/2023
Intenship
Tools: ExpressJs, Sequelize, Render, MySql

• Led a team in the successful development of a Hostel Management System, currently in use for
  processing accommodation requests for over 3000 students, and a comprehensive reporting
  system for the university's Bursary division for handling payment reports from all university
  departments.
• Designed and implemented API routes to facilitate seamless communication between the front-
  end interfaces and mobile applications, enhancing user experience and accessibility on both
  systems.

- Introduced an integrated payment system utilizing Remitta for efficient accommodation fee transactions within the Hostel Management System, streamlining the payment process for users.

Health Manager   04/2023 – present
Backend Developer
Collaborated with a team in the development of a health management platform, used in the task creation and assignment process, linking clients, 'patients', with experienced service providers, 'nurses', based on various criteria such as time, location, and experience.
Tools: Flask, MongoDB, Render, Trello
Contributions:
- Employed Trello for efficient task management across different development phases, ensuring smooth progress throughout the project's lifecycle.
- Designed API endpoints to streamline the process of task creation and assignment, offering clients and patients a user-friendly means to connect with service providers based on their geographic location and real-time availability.