AKASUKPE AGHOGHOMENA

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EDUCATION

Bachelor of Science, Computer Science   **September 2019 - June 2023**

Babcock University   *Ogun state, Nigeria*

- **Relevant Coursework:** Algorithms and Data Structures, Artificial Intelligence and Applications, Machine Learning with Python, Database System Design-Implementation and Management, Linux System Administration, Modeling and Simulations, Information Theory and Data Communication Systems, Computer Organization and Architecture, Statistical Methods I/II, Numerical Methods And Analysis I/II, Discrete Mathematics, Programming in C/C++.
- **CGPA:** 4.88 / 5.0 (Summa Cum Laude).
- **Class Rank:** Top 1%.

EXPERIENCE

Associate C# Developer - Full time - Hybrid   **Sep 2023 - Present**

Cavista Technologies Limited   **Lagos State, Nigeria**

- Actively engaged in sprint planning sessions, contributing to the definition of sprint goals, user stories, and acceptance criteria.
- Contributed to backlog refinement, prioritization, and estimation, optimizing the team's ability to deliver value incrementally.
- Utilized C# and .NET expertise to efficiently address and resolve assigned JIRA tickets, meeting or exceeding defined project objectives.

Full-stack developer - Full time - Remote   **Nov 2021 - Mar 2023**

Azul Nigeria   **Lagos State, Nigeria**

- Utilized best practices and SCSS, a CSS preprocessor, to ensure the website was optimized for mobile devices. Resulted in passing the Google Mobile-Friendly Test, and improved the mobile user experience, resulting in a 40% increase in mobile traffic.
- Successfully collaborated with a team of developers to revamp the company website, resulting in a 120% increase in website traffic.
- Implemented SEO strategies and optimized website content, resulting in a 75% increase in organic search traffic and a #1 ranking on Google for target keywords, outpacing competitors and driving 50% more leads to the website.

Front-end developer - Intern - Hybrid   **Jun 2021 - Aug 2021**

Asset and Resource Management Holding Company (ARM)   **Lagos State, Nigeria**

- Spearheaded the design and development of multiple web pages while adhering to the user interface specifications and brand guidelines.
- Collaborated with cross-functional teams and subject matter experts to ensure that the product strategy aligned with company goals and objectives.
- Reduced page load time by 50% by using industry-standard tools and methods to enhance page speed, the web application was also made responsive while taking accessibility into consideration.

PERSONAL & ACADEMIC PROJECTS

- **Adaptive Personalized E-commerce Recommender System:** A full-stack e-commerce web application built with Django rest framework and React Javascript, featuring a content based recommendation system. The recommendation system uses product information to recommend similar products to a user. View Writeup
- **Breast Cancer Risk and Susceptibility Prediction using Machine Learning:** Employed logistic regression, decision tree, and random forest algorithms to predict breast cancer outcomes, revealing that the Random Forest algorithm achieved the highest accuracy (96.491%) in a Kaggle dataset. This study underscores the potential of leveraging data-driven

insights for more accurate and efficient breast cancer risk assessment, contributing to earlier detection and prevention, with the ultimate goal of saving lives. [View Writeup](#)

- **Emotion based speech authentication system:** A deep learning-based multi-label classifier to identify the emotion of a user based on a recorded audio input.
    - Trained the model using a dataset from kaggle containing 7,441 audio files with corresponding labels.
    - Achieved an accuracy of 85.33% after 200 epochs of training, with a validation accuracy of 24%.
- **TravelBetter:** A scalable web application that aggregates airline flights for travelers. Tools: Django's rest framework and React JavaScript. Deployed the project to AWS using EC2 and Lambda.

TECHNICAL SKILLS

- C# | .Net | Java | Typescript | JavaScript | React | Next.js | Git | PHP | SQL
- CI/CD | Unit Testing | OOP | Docker | Postman | Adobe XD | Workbench | Figma | Tensorflow | Scikit-learn | NumPy | Keras | Mongo db
- Data Cleaning & Preparation | Microservices | Reverse & Forward Engineering | Frontend | Backend | Full - Stack

HONORS & AWARDS

Engineer (Dr.) Akin Alade (PhD Networking and Telecommunications) Family's Award　　　　　**July 2023**

Issued by Engineer (Dr.) Akin Alade

 -> Best graduating student in the department of Computer Science. Awarded a prize of ₦25,000($32.07) Exchange Rate[$1=₦779.55].

Folajimi Daodu's Award　　　　　**July 2023**

Issued by Folajimi Daodu Foundation

 -> Best graduating student in the department of Computer Science. Awarded a prize of ₦50,000($64.14) Exchange Rate[$1=₦779.55].

Labulo Prize: Prof Boidun and Prof (MRS.) Elizabeth Disu　　　　　**July 2023**

Issued by Prof Boidun and Prof (MRS.) Elizabeth Disu

 -> Best graduating student in the department of Computer Science. Awarded a prize of ₦100,000($128.14) Exchange Rate[$1=₦779.55].

Late Chief Oluwafunminiyi Olatunde Ajao Prize　　　　　**July 2023**

Issued by Babcock University

 -> Best graduating student in the department of Computer Science. Awarded a prize of ₦50,000($64.14) Exchange Rate[$1=₦779.55].

Mouka Award For Excellence　　　　　**July 2023**

Issued by Mouka Foam

 -> For the best graduating student in the School of Computing and Engineering Sciences. Awarded a prize of ₦100,000($128.14) Exchange Rate[$1=₦779.55].

New Horizon International IT/E-BIZ Certification Excellence Price　　　　　**July 2023**

Issued by New Horizon

 -> Presented for academic excellence. Awarded a tablet.

Oluwajulo Majekodunmi Foundation: Late Mr Surajudeen Ojediran Merit Award　　　　　**July 2023**

Issued by Oluwajulo Majekodunmi Foundation

 -> Best graduating student in the department of Computer Science. Awarded a prize of ₦100,000($128.14) Exchange Rate[$1=₦779.55].

School Dean's Award　　　　　**July 2023**

Issued by Babcock University

 -> Best graduating student in the school of Computing and Engineering Sciences.

Highest CGPA in 400L　　　　　**May 2023**

Issued by Babcock University Computer Club

 -> Student with the highest Cumulative Grade Point Average (CGPA) in 400L in the Department of Computer Science.

Cavista Hackathon winner   **March 2023**

Issued by Cavista Technologies

  -> Collaborated with a team of three(3) developers and one(1) designer to build a software solution in a 24 hour coding marathon. Won a grand prize of ₦1,000,000($1,282.79) Exchange Rate[$1=₦779.55].

Highest CGPA in 300L   **March 2022**

Issued by Babcock University Computer Club

  -> Student with the highest Cumulative Grade Point Average (CGPA) in 300L in the School of Computing and Engineering Sciences.

Highest CGPA in 200L   **March 2021**

Issued by Babcock University Computer Club

  -> Student with the highest Cumulative Grade Point Average (CGPA) in 200L in the School of Computing and Engineering Sciences.

VOLUNTEERING

Software Developer   **Apr 2022 - June 2023**

Babcock University Computer Club   Babcock University

- Mentored fellow students in coding and problem-solving skills, fostering a collaborative learning environment.
- Created and maintained documentation for coding projects, ensuring knowledge transfer and future reference.

Co-Lead Blockchain Community   **Nov 2022 - June 2023**

Google Developer Student Clubs   Babcock University

- Mentored students interested in blockchain development, providing guidance on blockchain platforms, consensus algorithms, and distributed ledger technologies.
- Encouraged members to explore emerging trends and advancements in blockchain technology.

Student Tutor   **June 2022 - June 2023**

The Catalyst Tutorial   Babcock University

- Instructed students in programming courses, providing guidance on coding languages, algorithms, and problem-solving techniques.
- Offered constructive feedback on assignments and assessments, guiding students in areas of improvement.

LEADERSHIP

- Co-led and managed the data science track of Alpha Tribe, a community of over 30 students and senior academics. Provided technical guidance on data science projects, resulting in a quantifiable improvement in project completion rate.