OLANREWAJU AKINTOLA

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PROFESSIONAL SUMMARY

Results-driven Computer Science Graduate with hands-on experience in web development, web design, and quality assurance testing. Proven success in optimizing web functionalities, improving user experience, and implementing efficient workflows. Experienced in front-end technologies including HTML, CSS, and JavaScript, as well as back-end development with Python. Gained practical experience with machine learning through academic projects, including analysing complex datasets and designing effective models. Enthusiastic about AI and committed to contributing to innovative web solutions through design, rigorous testing, and ongoing maintenance. Known for strong teamwork and exceptional interpersonal skills.

SKILLS

- Java
- Python
- HTML
- JAVASCRIPT
- CSS
- MYSQL
- SDLC

- FIGMA
- JIRA
- Adobe Photoshop
- Git
- REST API
- Marketing
- CRM

WORK HISTORY

Hospitality worker, 08/2024 - Current

Arc Hospitality

- Created warm, friendly atmosphere through positive guest interactions.
- Accurately processed payments using POS systems, handling cash, credit, and contactless transactions.
- Served food and beverages, going the extra mile to deliver personalised customer service.
- Delivered first-class customer service for memorable guest experiences.
- Welcomed and greeted guests on arrival, building rapport with regular customers to personalise service.
- Supported bartenders with drink preparation during busy periods, ensuring a smooth flow of service.
- Addressed any guest concerns or complaints professionally, ensuring a positive dining experience.

Website Designer, 12/2022 - Current

Life Beacon International - Loughborough, England

- Crafted visually appealing and user-friendly website layouts, incorporating fonts, colours, and graphics
- Created visual elements like logos and icons using Adobe Photoshop, Illustrator, and Figma
- Enhanced website responsiveness across devices, ensuring seamless user experience on various screen sizes
- Collaborated with different departments to align website design with organizational goals
- Conducted comprehensive testing and debugging to improve usability and compatibility

- Ensured accessibility for users with disabilities, complying with WCAG standards
- Implemented SEO strategies , leading to a 15% increase in site traffic
- Delivered training sessions to fellow volunteers, empowering them with website design skills.
- Employed Agile methodologies to manage design projects, ensuring timely delivery and iterative improvements based on client feedback.

Web Development Intern, 02/2022 - 06/2022

Legal Digital NG - Lagos, Nigeria

- Developed user- friendly websites and interfaces using HTML, CSS, and JavaScript
- Analysed website traffic data, optimising content to boost user engagement, resulting in a 20% increase in visitor retention.
- Executed diverse testing routines, including unit, integration, and system tests, to ensure functionality and performance across browsers and devices
- Regularly updated websites to meet evolving client needs, enhancing client satisfaction.
- Strengthened website security by installing necessary updates and safeguarding data
- Integrated data from various back-end services and databases to enhance website functionality using MySQL and modern web frameworks like Angular and Ruby .
- Leveraged modern web frameworks like Angular, ASP, MVC, and Ruby for robust website development.
- Utilised popular front-end libraries, including jQuery and AngularJS, to enhance user interfaces.
- Worked within an Agile team to deliver projects in sprints, ensuring rapid iteration and continuous client feedback incorporation

EDUCATION

Bachelor of Science: Computer Science: Computer Science, 09/2022 - 07/2024
Nottingham Trent University - Nottingham
Classification - Second Class Honours (First Division)

Bachelor of Science: Computer Science, 02/2019 - 02/2022
University of Lagos - Lagos
Commenced 02/2019 and transferred to Nottingham Trent University due to strikes.

Senior School Certificate (SSCE): Science, Technology, Engineering And Mathematics (STEM): STEM, 09/2012 - 07/2018
Dansol High School - Lagos

ACTIVITIES AND PROJECTS

- Organised a web design competition at the university of Lagos where over 30 students attended and actively participated.
- Member of the NTU Computer Science Society, participated in workshops to learn advanced coding techniques, algorithm optimization, and collaborative development practices.
- Completed my final year project "Predictive Maintenance of Engines using AI" with the use of Machine Learning. This involved collecting and preprocessing engine performance and health data, expanding the dataset with linear interpolation and white noise, engineering features, and training 1D CNN, LSTM, RNN, and GRU models. The models were evaluated using accuracy, precision, recall, and F1-score, and I documented and analysed the neural network design and implementation.
- Developed the Travel Buddy Finder app using the Flask framework in Python, deploying JSON-formatted RESTful APIs on Azure. Implemented key features, including user/trip ID generation, trip queries, proposals for trips that shows weather details for trips, and interest expressions. Integrated external services for random ID generation and real-time weather forecasts. Ensured data security through robust

authentication. Collaborated on API specifications and conducted thorough testing.

- Developed an enhanced chatbot with advanced features, including conversational expansion, rule-based reasoning, and image classification. Integrated AIML patterns and a similarity-based response mechanism using lemmatization, TF-IDF, and cosine similarity. Created a knowledge base with first-order logic statements and an NLTK-based inference engine for consistent user queries. Trained a CNN model for image classification, enabling the chatbot to handle image-based queries and report performance using accuracy, precision, recall, and F1-score.