

CHUKWUMA ONYEDIKA ARINZE

Website & Mobile App Developer

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EXPERIENCE SUMMARY

Proven website and mobile developer with 6+ years experience. As a dedicated problem solver, I display an expert skill in Python, NodeJS, Laravel, Flutter, React, JavaScript, jQuery, Bootstrap, HTML & CSS and a versioning tool such as Git. Through my time at Transactport LLC, I gained further hands-on experience in industry standard development. I have led a team of developers in building a web scraper application and an investment mobile application among other applications.

SKILLS

Highly positive and impeccably organized individual, showcasing exceptional written and verbal communication prowess. Possessing robust interpersonal aptitude, and capable of independently operating with great efficiency even under minimal supervision.

Exceptional multitasking prodigy with a keen aptitude for comprehending corporate objectives, enabling confident decision-making while expertly overseeing mobile solutions. Demonstrated track record of taking proactive initiatives, proficiently analyzing complex challenges, adeptly identifying underlying issues, and skillfully presenting innovative resolutions or deftly referring to pertinent resources.

- **Languages:** Python, PHP, NodeJS, Flutter-Dart, React, JavaScript, HTML & CSS.
- **Tools:** Android studio, VSCode, Git, Linux, Vim, QT Creator.

- **Concepts:** Design implementation, Clean Architecture and Test- Driven Development.
- **Analytic Tools:** Google analytics, Intercom.
- **Frontend Frameworks:** ReactJS, VueJS,
- **Backend Frameworks:** Laravel, ExpressJS, Django.
- **Mobile Framework:** Flutter-Dart.
- **Mobile DevOps:** Github Actions, Docker, CodeMagic, Kubernetes.
- **State Management:** Vanilla.
- **Databases:** Firebase, MongoDB, Postgress, SQLite, Heruko, MySQL.

ENGINEERING SKILL SUMMARY

- 6+ years of IT experience in all phases of SDLC such as Requirement Analysis, Design, Development, Testing and Implementation, Debugging, Fixing, and Maintaining the Software.
- Over **6+ years of experience in PHP and Nodejs, 4 in Python and mobile development.** Excellent coding and problem-solving skills.
- Strong working knowledge in developing **Restful APIs** using **NodeJS**
- Good hands-on experience in **designing, developing, implementing and deploying applications** on the cloud using **AWS, Azure and Google Firebase Cloud.**
- I design and currently maintain Android and Dart SDK..
- Extensive knowledge in using Git.
- Experience in Framing problems, collecting data, processing data for analysis, exploring data, in depth analysis and communication of analysis results.
- Proficient in utilizing Flutter, Android Studio, and VScode, with a comprehensive background in various aspects of development, debugging, profiling, optimizing, and the intricacies of build processes. Demonstrates a strong grasp of Object-Oriented Programming (OOP) to create efficient and well-structured solutions.
- Created and customized views with/without high-level widgets.
- Designed database schemas with complex entity relationships.
- Have experience in **Agile Software Development Cycle (ASDC)** and **Waterfall methodology** of software development.

- Utilized Agile methodologies to manage full life-cycle development of the project and involved in the Business requirement phase which involved direct interaction with clients.
- Proficient skills in Test Driven Development (TDD), Design Driven Development (DDD), and Uncle Bob's Clean Architecture.
- Experienced in development of distributed components using Servlets, JSP, EJB, XLM, JDBC, Ajax, jQuery, JavaScript and CSS.
- Skilled in utilizing templating engines from different frameworks such as **Laravel Blade engine** and **NodeJS Handlebars & EJS engines** to separate presentation and business logic in software.
- Skills at the expert level in developing mobile libraries for Android studio and Flutter to consume mobile APIs through platform channels.
- Expert-level skills in developing custom UI components for Flutter Applications.
- Demonstrated expertise in **harnessing the power of Google API keys**, effectively **integrating services like Google Maps, Google Places, and Google Geolocation** to create seamless and location-aware user experiences.
- Proficient in leveraging Google API keys to implement dynamic mapping functionalities, enrich applications with location-based data, and optimize geolocation services for enhanced accuracy and user engagement.

EXPERIENCE

Transactport LLC - Atlanta, Georgia (Remote) Senior Web Applicaiton Developer

April 2023 - September 2023

- Created a web crawler and scraper that fetches business records.
- Used google places API to retrieve data from Google My Business records.
- Used a NodeJS library (puppeteer) to scrape data from websites using keywords and web URLs
- Built custom REST APIs.
- Maintained and scaled the database (MongoDB).
- Developed features and products in a secure, well-tested, and performant way.
- Designed the UI/UX of the application.
- Optimized web crawling and scraping algorithms to maximize data extraction efficiency.

- Conducted regular code reviews.
- Utilized performance monitoring and profiling tools to identify and resolve application bottlenecks, ensuring optimal system responsiveness.
- Employed version control systems (e.g., Git) to manage codebase changes efficiently.
- Crafted an impressive and intuitive dashboard user interface using ReactJS, elevating user experience to new heights.
- Leveraged modern React MaterialUI components including Box, Form, and more to ensure a seamless and visually stunning interface, combining functionality with aesthetic appeal.
- Implemented dynamic data rendering, allowing for real-time updates and interactive displays, providing users with up-to-the-minute insights at their fingertips.
- Engineered an interface that not only boasts a clean and organized layout, but also offers an intuitive navigation flow, ensuring users can effortlessly access and utilize various features.
- Ensured a flawless experience across all devices and screen sizes, guaranteeing that the dashboard remains fully functional and visually appealing whether on desktops, tablets, or mobile devices.
- Implemented real-time transaction monitoring using Django framework.
- Designed and developed `POST /api/transactions/create/` and `POST /api/policies/check/` endpoints.
- Utilized Django models with fields (CharField, DecimalField, IntegerField, DateTimeField, BooleanField) for efficient data representation.
- Implemented background scheduler for regular policy checks using Django.
- Developed functions for policy evaluation, email notifications, transaction processing, and user status checks.

Auxiliary Project. Awka, Anambra - Web Developer Engineer

June 2022

- Spearheaded the end-to-end development of a cutting-edge real estate web application, showcasing expertise in HTML, CSS, JavaScript, PHP, AJAX, jQuery, and MySQL.
- Created a seamless and visually captivating UI/UX, ensuring a delightful user experience that enhances user engagement and satisfaction.

- Designed and implemented a robust database system, enabling efficient record keeping of property listings and user information, ensuring data integrity and easy retrieval.
- Developed a dynamic blog section, allowing real estate updates and informative articles to keep users informed and engaged with the latest industry trends.
- Engineered a secure and scalable user authentication system, safeguarding sensitive user data and ensuring secure access to personalized features.
- Employed responsive web design techniques, making the application accessible and visually appealing across various devices and screen sizes.
- Implemented AJAX to enable real-time interactions, delivering a seamless browsing experience without page reloads.
- Leveraged jQuery to enhance frontend functionalities, providing smooth animations and interactivity to elevate user interactions.
- Utilized PHP for server-side processing, enabling dynamic content generation and efficient server communication.
- Employed MySQL database management to optimize data storage, retrieval, and query processing, ensuring smooth application performance even with extensive data.
- Conducted thorough testing and debugging to maintain a high standard of code quality and seamless functionality throughout the application.
- Received accolades from users and stakeholders for delivering a sophisticated real estate web application that combines intuitive UI, feature-rich functionalities, and top-notch security.

Pixels. Awka, Anambra - Senior Developer

August 2021 - February 2022

- Led Node.js and PHP backend development for a record-keeping company, storing exam results for schools.
- Created and optimized APIs, enabling smooth integration and improved data access.
- Successfully employed Agile methodology for swift iterations and on-time project delivery.
- Designed a scalable database architecture to efficiently manage growing datasets.
- Implemented robust data security measures to protect sensitive exam records.

- Collaborated seamlessly with cross-functional teams for streamlined teamwork.
- Integrated cutting-edge technologies to boost application performance and user experience.
- Ensured seamless communication between frontend and backend systems for a cohesive product.
- Conducted thorough testing and debugging to maintain high-quality code standards.
- Proactively identified and resolved backend performance bottlenecks for enhanced efficiency.

Auxiliary Project - Mobile App UI Development

June 2021 - November 2021

- I crafted an elegant and user-friendly UI for a note-taking mobile app using Flutter, showcasing proficiency in mobile app design and development.
 - Leveraged Flutter's powerful modeling capabilities to create a seamless and intuitive user experience, enhancing productivity and ease of use for note-taking tasks.
 - Demonstrated exceptional initiative and self-reliance by undertaking the project as an auxiliary effort, highlighting a proactive approach to expanding skill sets and delivering results.
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- I designed and crafted an impressive user interface for a dynamic chat mobile app using Flutter, showcasing exceptional creativity and technical proficiency.
 - Demonstrated expertise in Flutter, a powerful and popular framework, to create a visually appealing and intuitive app design that enhances the user experience.
 - Developed a seamless and engaging chat interface, enabling users to interact effortlessly and stay connected in real-time
 - Designed a mobile app UI using Flutter, showcasing proficiency in crafting visually appealing interfaces.
 - Developed an intuitive user authentication app, highlighting my expertise in creating seamless login and registration flows.
 - Leveraged Flutter modeling techniques to efficiently structure and manage the app's data and state, resulting in a smooth user experience.

- Meticulously aligned widgets with precision, ensuring a polished and pixel-perfect layout that enhances the app's overall aesthetics.
- Crafted an intuitive UI design for an education app, promoting personalized learning journeys and efficient content management.
- Designed an engaging interface that seamlessly integrates multimedia resources, enhancing the overall educational experience.
- Streamlined content discovery and navigation through a user-friendly interface, empowering educators and students alike.
- Incorporated collaborative elements within the UI, fostering peer interaction and knowledge exchange through features like discussion forums and group projects.

PROJECTS

dashboard_UI - ReactJS - [Web](#)

A sleek modern Dashboard UI design for streamlined user management.

Transaction_Monitoring_API [Web](#)

This Django-based API monitors transactions in real-time, applying policies to trigger alerts or actions based on user input.

Business Record Fetcher (Web Scraper) - [Web](#)

A lead generation software for scraping lead contact details and email from google and websites respectively.

Real Estate Management Website - [Web](#)

A completely operational website designed for real estate agents to showcase and oversee properties on the market.

Modern Dashboard UI Design - [Web](#)

A modern, sleek Dashboard UI design redefining user management.

Note App UI Design - [Git](#)

A fundamental mobile application user interface designed for note-taking purposes.

Chat App UI Design - [Git](#)

A rudimentary user interface for a mobile application, tailored for messaging functionality.

User Authentication App UI Design - [Git](#)

A basic user interface for a mobile app, specifically designed for user authentication.

Education App UI Design - [Git](#)

A basic user interface for a mobile app, specifically crafted for learning.

PERSONAL ACHIEVEMENTS

- Proficient in utilizing APIs to fetch data from third-party software and integrate it into applications.
- Experienced in working with various databases, including MongoDB, MySQL, and SQLite, for efficient record storage and retrieval.
- Skilled in creating visually appealing user interfaces by leveraging design libraries like Bootstrap.
- Implemented jQuery to enhance user interactions and create dynamic frontend experiences.
- Utilized server-side languages and their respective frameworks (PHP-Laravel, Python-Django, NodeJS-ExpressJS) to establish smooth communication between frontend and databases/APIs.
- Successfully integrated payment gateways like Flutterwave and Stripe, enabling seamless online transactions within applications.
- Employed server-side libraries like Puppeteer and Cheerio for web scraping, enabling the extraction of data from different sources.
- Proficient in implementing the Agile programming pattern, fostering iterative and flexible development in projects.

- Adaptability and willingness to learn new technologies and programming skills continually.
- Demonstrated ability to handle end-to-end application development, from frontend design to backend integration.
- Strong problem-solving skills, finding efficient and effective solutions to programming challenges.
- Developed projects with a focus on scalability and performance optimization, ensuring optimal user experiences.
- Maintained high code quality through best practices, code reviews, and efficient documentation.

EDUCATION

HIGH SCHOOL:

Bishop Crowther Seminary Awka, Anambra State, Nigeria - WASSCE

September 2008 - July 2014

West African Senior School Certificate Examination (WASSCE) - 6 yrs.

COLLEGE:

Nnamdi Azikiwe University Awka, Anambra State, Nigeria - BSc

September 2016 - August 2021

B.Sc in Biological sciences - 4 yrs.

CERTIFICATIONS

[University of London - Code with HTML, CSS & JavaScript](#)

November 2022

[University of Michigan - Building Database Applications in PHP](#)

December 2022 - January 2023