Chukwu Daniel

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EDUCATION

Bingham University   Aug 2018 - Jul 2022

Bachelor of Science in Computer Science   Abuja, Nigeria

- GPA 4.71/5
- Courses on databases, data structures & algorithms, operating systems, software engineering and user interface design
- Graduation project: Design and implementation of a student disciplinary committee mobile application

WORK EXPERIENCE

Inschool   Jan 2024 - Present

Senior Full stack developer   Abuja, Nigeria

- Initiated and led the start of a startup project, setting the foundation for future development.
- Designed and implemented a cache-dependent system using **Redis** to address session constraints from booking providers. This improved data access speeds and overall system efficiency.
- Migrated long-running requests to **AWS** using **S3** and **SQS**, resolving **Next.js** 60-second timeouts. This allowed us to handle long requests and improved our system's performance and reliability.
- Developed and deployed advanced client-side filters, enhancing the user experience to match platforms like Booking.com.

Neo cloud technology   Aug 2023 - Dec 2023

Senior Software Engineer   Abuja, Nigeria

- I was actively involved in the Hayneedle project, where I transformed application storyboards and use cases into fully functional applications by implementing code using **TypeScript**.
- I also took charge of writing and executing **unit tests** to enhance code coverage, ensuring the stability of the application.
- My contributions spanned across both the Site Engineering and Site User Experience teams, where I focused on making **UI** enhancements and resolving issues.
- Also led the design and implementation of a school management mobile app.

Nisum   Mar 2022 - Jun 2023

Frontend developer   California, United States

- Identified web-based user interactions and developed highly responsive user interface components via **React** concepts.
- Translated design and wireframes into high-quality code and wrote application interface code via **Javascript** following **ReactJs** workflows.
- Troubleshoot interface software and **debugged application codes** to improve functionality & performance.
- Reviewed application requirements and interface designs to ensure compatibility and existing applications.
- Compliance with the software development standards and processes.
- Have done multiple discoveries/experiments to speed up the Backcountry site and ensure that it affects the **core web vitals metrics**.
- Responsible for creating Unit Test cases using **Jest** and **RTL** and making sure that all tests coverage is more than 95%

Sendchamp   Dec 2021 - Mar 2022

Full stack developer   Lagos, Nigeria

- Integrated Facebook, Twitter, and Instagram APIs into the API to get direct messages from client accounts, which were then used for smooth communication between different social media accounts inside the same application.
- I implemented a cache system for faster retrieval of data to aid the efficiency of the system.
- Worked with the backend team on PR reviews, feature requests, bug fixes, etc.

Akbank   Apr 2020 - Nov 2021

Frontend developer   Istanbul, Turkey

- Client-side development of new ATMs
- Developing new features and re-implementing old ones with **React Hooks**
- Improving the performance of **React** codebase

Akinon   Mar 2019 - Feb 2020

Frontend developer   Istanbul, Turkey

Developed a custom CLI to automate the process of transferring static texts from websites to mobile apps, eliminating manual copy-pasting. This significantly improved efficiency, saving several days per project.