

PROFESSIONAL SUMMARY

Results-driven Fullstack Software Engineer with 4+ years of experience and expertise in planning, designing, and implementing high-quality web apps. Proven ability to quickly understand requirements and create innovative solutions using modern frameworks like Typescript, React, Django, NextJS and TailwindCSS, Radix UI, etc.

Demonstrated expertise in reducing page load times by 50%, implementing RESTful APIs, and driving user engagement through optimized web solutions.

EXPERIENCE

Fullstack Engineer - January 2021 to Present

Tenece Professional Services Limited | Abuja, Nigeria

- Developed and optimized RESTful APIs, reducing API response time by 45%, enhancing user experience for 10+ web applications.
- Collaborated with UX and UI designers to create intuitive user interfaces for web applications.
- Collaborated with project managers to translate wireframes and user stories into functional and responsive web designs, meeting all project deadlines and ensuring optimal functionality.
- Contributed to team code reviews and implemented best practices for version control using Git, resulting in streamlined development processes and easier code maintenance.

Frontend Engineer - November 2019 to January 2021

Tenece Professional Services Limited | Abuja, Nigeria

- Optimized page loading times. This resulted in a 50% increase in user engagement and a 30% decrease in page loading time.
- Monitored page speed performance metrics through Google Analytics and page speed Insights.
- Collaborated with back-end developers to integrate APIs into existing front-end designs.

PERSONAL PROJECTS

- **Udohs** - Built with: Typescript, NodeJS, ExpressJS, React, MongoDB, TailwindCSS, Redux, SocketIO, etc
Live link: <https://udohs.udohabasi.com> | GitHub - <https://github.com/udoh-abasi/udohs>
Udohs is a fully functional e-commerce platform that allows users to buy and sell products seamlessly. It features an in-app chat functionality I built using Socket.io, enabling real-time communication between users.
 - **Challenges and how they were Addressed:** The real-time chat functionality posed challenges such as handling edge cases like disconnections, reconnections, and ensuring message consistency. To address these issues, I optimized Socket.io's event handling and implemented a system to store chats in the database, allowing messages to be retrieved seamlessly when a user reconnects.
- **Udohs Platform** - Built with: Django, React, TailwindCSS, PostgreSQL, Redux, AWS EC2, etc
Live link: <https://udohsplatform.udohabasi.com> | GitHub - https://github.com/udoh-abasi/Udohs_Platform
This web app allows users write and share insightful thoughts as a blog post. Readers can also visit and read inciting contents. They can also like, comment and share the articles at will.
 - **Challenges and how they were Addressed:** With a high volume of article listings, optimizing PostgreSQL queries was crucial to ensure fast response time. To address this, I implemented server-side pagination for article listings in PostgreSQL.
- **Udohs Clothing** - Built with: NextJS, TailwindCSS, MongoDB, Redux, AWS Amplify, etc
Live link: <https://udohsclothing.vercel.app> | GitHub - <https://github.com/udoh-abasi/udohsclothingpublic>
An e-commerce site where users can add items to cart and then proceed to check out either as guest or through sign-up option.
 - **Challenges and how they were Addressed:** Managing complex states for cart functionality and user sessions across guest and signed-up users. To address this, I implemented Redux to centralize state management and ensure consistency across the app.
- **Udohs Portfolio Site** - Built with: NextJS, TailwindCSS, Redux, Framer motion, etc
Live link: <https://www.udohabasi.com> | GitHub - <https://github.com/udoh-abasi/portfolio-site>
My portfolio site, displaying my recent projects, industry awards and achievements, skills, relevant certifications etc.
 - **Challenges and how they were Addressed:** Incorporating smooth animations with Framer Motion without affecting the site's performance. To address this, I carefully managed animation timelines to minimize excessive re-renders and triggering animations only once, when they are within the viewport (lazy animation loading).

EDUCATION

B.Sc Zoology | June 2019 | **GPA: 4.5 (First Class Honors)**

University of Uyo | Akwa Ibom State, Nigeria

SKILLS

Typescript | ReactJS | NodeJS | NextJS | ExpressJS | TailwindCSS | Radix UI | Django | Django Rest Framework | Python | JavaScript | Redux | HTML/CSS | PostgreSQL | MongoDB | Git/GitHub | Django Rest Framework | AWS Amplify | AWS EC2 | S3 Bucket | Team collaboration | Effective communication | Adaptability

CERTIFICATIONS

- **Certified Associate in Python Programming Language (PCAP)** - May 2022
Python Institute - Wilmington, United States
Verifiable at <https://verify.openedg.org> with the certificate number **57iH.kG8e.F1W2**