

Raphael Onunkwor

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Education

Bells University of Technology | Ota, Ogun
Biotechnology | 09/2025

- **CGPA** - 4.89/5.00
- I am currently completing 400-level courses in biotechnology.
- 2023/2024 Session **Outstanding Academic Performance Award**.
- I tutored Further Calculus, Operations Research, and Inorganic Chemistry, improving the grade curve by 5%.

Experience

Passwave | Lagos, Isolo
Front End Engineer | 01/2024

- Developed frontend components using React.js and GraphQL, increasing user interaction by 30% and customer satisfaction by 20%. By using GraphQL for data fetching, improved data retrieval speed and efficiency over traditional REST APIs.
- Collaborated with a multidisciplinary team to architect and maintain the event ticketing system, ensuring robustness and scalability. The platform garnered over 300 users and generated a GMV of 1.5 million Naira within the first month of launch.
- Engaged in rigorous code reviews to enhance code quality and sustainability, ensuring high standards and maintainability of the codebase.

Projects

Yoom

- Created a video conferencing platform with Next.js, Clerk, and Stream SDK, offering unlimited meeting duration and high-quality video calls.
- Designed secure, user-friendly access to recordings and instant meeting setups.

Evently

- Spearheaded a ticket-purchasing application using Next.JS, MongoDB, Clerk, Vercel, Stripe, and Tailwind CSS, reducing transaction processing time by 20%.
- Enhanced data retrieval efficiency by 40% through advanced indexing techniques in MongoDB.

SnapGram

- Built a social media platform with Vite, React.js, MongoDB, Clerk, Firebase, and Node.js. Enhanced user engagement metrics by 40% through a combination of improved UI/UX design and optimized backend performance.
- Utilized Clerk middleware in Node.js to prevent unauthorized access to user information, implementing advanced security measures that reduced unauthorized access attempts by 40%.
- Improved application responsiveness by 25% through optimized data fetching and caching with React Query. Enhanced data retrieval speed by employing MongoDB indexing techniques, ensuring swift access to user data and content.

Skills

Javascript, GIT, Node.js, Typescript , Express.js, MongoDB, FireBase, ReactJS, AppWrite, TailwindCSS, NextJs, Clerk, Postman

Links

GitHub- <https://github.com/Onunkwor>

LinkedIn - <https://www.linkedin.com/in/ronunkwor/>