

# Raphael Onunkwor

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## Education

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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

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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

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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

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

## Links

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

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