

# Mainasara Oreoluwa Olulanke

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## Education

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### Redeemer's University (RUN)

Bachelor of Science, Computer Science.

October, 2023 - May, 2026

### Covenant University

Bachelor of Science, Computer Science (Transferred)

September, 2019 - March, 2022

**Related Coursework:** Computer Programming I and II, Software Engineering, Java Foundations Certified Junior Associate, Foundation of Sequential and Parallel Programming, High Performance Computing and Database Management, Problem Solving, SQL Fundamentals, Oracle Databases: SQL Fundamentals, Computer Architecture and Organization, Intro. to Machine Learning, Operating System I, Object Oriented Programming (OOP), Computer Hardware & Logic Design, Data Structure & Algorithms, Parallelism Fundamentals.

## Projects

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### TeXcellence'4.0

September, 2025

*Inter-national Tech Conference Showcase Web Application*

Live link: <https://texcellence-4.vercel.app/>

- Developed a dynamic, user-friendly conference platform designed to showcase Texcellence events, connect attendees with global industry leaders, and provide access to past and upcoming sessions.
- Leveraged Next.js, Supabase, Tailwind CSS, Framer Motion, Shadcn UI, and other modern packages to build a highly responsive, accessible, and visually compelling experience optimized for engagement.
- Implemented interactive features like speaker profiles, detailed agendas, sponsor highlights, image archives, and sponsorship/registration forms, ensuring a seamless and immersive way for users to explore and participate in Texcellence conferences.

### Coded In Motion

September, 2025

*Videography brand's Cinematic Portfolio Web Application*

Live link: <https://coded-in-motion.vercel.app/>

- Built a cinematic, visually immersive portfolio website designed to showcase a videographer's creative work, client projects, and storytelling craft in an engaging and professional way.
- Leveraged Next.js, Tailwind CSS, Framer Motion, and Sanity.io to deliver a highly responsive, modern platform with smooth animations, intuitive navigation, and a dark, cinematic aesthetic that elevates the visual experience.
- Implemented dynamic features such as video showcases, project case studies, and a streamlined contact system, ensuring both impact and ease of use for potential clients and collaborators.

### Moova

August, 2025

*AI-powered Mood-based Trip Planner*

Live link: <https://moova-travels.vercel.app/>

- Built an AI-powered, user-centric travel application designed to simplify trip planning by curating personalized itineraries based on mood, budget, and timeframe.
- Leveraged Next.js, Supabase, Clerk, Tailwind CSS, Shadcn UI, Framer Motion, and Gemini AI to deliver a modern, responsive, and visually engaging platform that emphasizes both usability and personalization.
- Implemented dynamic features such as mood-based trip generation, curated destinations with cost breakdowns, seamless booking flows, and profile synchronization via webhooks — creating an immersive and intuitive travel planning experience.

### My Butler

January, 2025

*AI-Powered Personalized digital fashion and full e-commerce platform.*

Live link: <https://my-butler-v1.vercel.app/>

- Implemented a fully functional AI chat for getting style advice and e-commerce platform for brand showcases.
- Built the platform using Next.js, REST APIs, Framer Motion, Supabase, and Tailwind CSS, with seamless animations to enhance user engagement.
- Implemented real-time auth, blog/event systems, camera-based outfit capture, and profile customization.
- Designed dynamic database structure with relational models and triggered user data handling.

## Agency.io

July, 2024

*All-in-one Vacation Planning Web Application*

Live link: <https://agency-io-v1.vercel.app/>

- Built a sophisticated, user-friendly web application tailored to simplifying vacation planning by connecting users with personalized travel experiences and top-rated vacation destinations.
- Leveraged Next.js, Firebase, Tailwind CSS, Framer Motion, Sanity.io, Shadcn UI and many more packages to create a highly responsive, accessible, and visually appealing platform that prioritizes user engagement and ease of use.
- Implemented dynamic features like customized itineraries, user reviews, interactive FAQs, and seamless integration with third-party travel APIs for a comprehensive and immersive travel planning experience.

## NextGen Patients

December, 2023

*Healthcare Web Application*

Live link: <https://next-gen-patients.vercel.app/>

- Developed an innovative, open-source web application that revolutionizes healthcare by facilitating specialist appointments and remote consultations.
- Utilized Next.js, Antd Design, AppWrite, Framer Motion, and Tailwind CSS to build a user-centric platform with high accessibility and superior UI/UX standards.

## Experience

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### AfriTransfer (Fintech Startup)

*Front-end Engineer (Contract)*

August, 2025 - October 2025

- Resolved 10+ IT issues weekly, including hardware, software, and network-related challenges across the company's infrastructure, ensuring minimal downtime for staff.
- Installed, configured, and maintained servers, laptops, access points, and network devices; monitored security systems including Sophos servers and Unifi access points.
- Assisted in network troubleshooting, system upgrades, and end-user device support, improving overall IT reliability and operational efficiency.
- Developed and maintained internal web applications using front-end technologies, enhancing workflow, user experience, and data management across departments.

### CWG PLC

*IT Engineer & Front-end Developer Intern*

May 2025 - October 2025

- Resolved 10+ IT issues weekly, including hardware, software, and network-related challenges across the company's infrastructure, ensuring minimal downtime for staff.
- Installed, configured, and maintained servers, laptops, access points, and network devices; monitored security systems including Sophos servers and Unifi access points.
- Assisted in network troubleshooting, system upgrades, and end-user device support, improving overall IT reliability and operational efficiency.
- Developed and maintained internal web applications using front-end technologies, enhancing workflow, user experience, and data management across departments.

### TechyVibration

*Lead Front-end developer & Instructor*

September, 2024 - June, 2025

- Led frontend development training sessions for junior developers, teaching core concepts in HTML, CSS, JavaScript, React, and modern web development practices.
- Designed lesson plans, exercises, and practical projects to help learners build confidence and real-world coding skills.
- Mentored a cohort of junior developers, providing guidance on career growth, project implementation, and problem-solving strategies.
- Conducted code reviews and provided constructive feedback, fostering best practices and improving code quality among students.

### Hoop Telecoms

*Technical support & service delivery F.S.E (intern)*

March 2022 - August 2022

- Provided fast and effective support for hardware, software, and connectivity problems, ensuring high customer satisfaction.
- Assisted the fiber team in setting up networks at customer locations, including installation, configuration, and testing of fiber connections.

- Collaborated with the wireless team to deploy and troubleshoot wireless systems for clients, ensuring seamless connectivity and minimal downtime.
- Conducted troubleshooting for network and telecom systems, identifying and resolving issues efficiently.

## Professional Development

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**JavaScript, Java, HTML, CSS, Python (Codecademy)** December, 2021

- Acquired comprehensive knowledge of programming languages and development techniques.

**Google Cloud Fundamentals: Core Infrastructure (Google)** August, 2022

- Gained insights into cloud computing infrastructure and service delivery methods.

**Introduction to DevOps (IBM)** September, 2022

- Explored DevOps principles, practices, and their importance in modern organizations.

**Excel Skills for Business: Intermediate II (Macquarie University, Sydney)** July, 2022

- Learned the different functionalities and operations that can be performed on Microsoft Excel as well as the right practices while using the application.

**AI for Everyone (DeepLearning.AI)** June, 2022

- Learned the essentials of AI implementation in organizations .

**Front-End Web UI Frameworks and Tools: Bootstrap 4 (The Hong Kong University of Science and Technology)** May, 2022

- Developed skills in integrating Bootstrap, jQuery, and Sass for responsive web design.

**Python for Data Science, AI and Development (IBM)** June, 2022

- Expanded knowledge in Python with applications in AI and data science.

## Additional Information

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### **Skills:**

- *Technical skills:* TypeScript, React, Next.js, Astro.js, Tailwind CSS, Framer Motion, Firebase, AppWrite, Supabase, Sanity, Postman, ngrok, GitHub, Clerk, Node.js, Express.js etc
- *Soft skills:* Collaboration, Communication, Proactiveness, Critical Thinking, Teamwork.
- *Document Formation Skills:* Google Docs, Google Sheets, Google Slides, Notion, Figma, Microsoft PowerPoint, Microsoft Word, Microsoft Excel (with certifications).

**Activities:** Skateboarding, Singing, Budding Bass Guitar Player, Member of GDSC RUN Community.

**Languages:** English (Professional Proficiency), French (Beginner).