

# Jesse Nasamu

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## ABOUT ME

I am a detail-oriented Cybersecurity Specialist with expertise in security analysis, penetration testing, and secure system design, blending security with user-centered design. My experience at NCAIR shaped my work in AI-driven cybersecurity and digital forensics. My academic research focuses on securing critical systems like healthcare through Machine Learning for IoT malware detection. Passionate about mentorship, I aim to contribute to research and inspire future generations as a professor in cybersecurity.

## EDUCATION AND TRAINING

14/04/2023 – 11/09/2023 Abuja, Nigeria  
**INTERN** National Centre for Artificial Intelligence and Robotics (NCAIR)

Interning at NCAIR was a valuable experience that expanded my understanding of UI/UX design. It allowed me to work alongside talented professionals, where I gained hands-on experience in user research, prototyping, and interaction design. The internship helped me develop a deeper appreciation for creating intuitive and visually appealing interfaces, solidifying my skills in both design and usability.

Website <https://ncair.nitda.gov.ng/> | Level in EQF EQF level 6

15/03/2020 – 22/08/2024 Abuja, Nigeria  
**BACHELOR OF CYBERSECURITY** Bingham University

Studying at Bingham University was a transformative experience, where I deepened my knowledge in cybersecurity and honed my technical skills. The university provided a collaborative environment that encouraged critical thinking and innovation. My time there not only shaped my academic growth but also fueled my passion for tech and security.

Website <https://binghamuni.edu.ng/v2/> | Field of study Cybersecurity | Final grade 2:1 | Level in EQF EQF level 6 |

Thesis IoT in the Healthcare: Threats and Vulnerabilities

## WORK EXPERIENCE

05/09/2024 – 10/10/2024 Abuja, Nigeria  
**UI/UX DESIGNER** PREVIEW (CONTRACT)

- I created user personas to represent the app’s main user groups (e.g., party planner, wedding coordinator, conference attendee).
- I sketched low-fidelity wireframes of screens like event creation, guest list management, task checklist, and budget tracking.
- Designed a visually appealing interface with a festive, organized, and professional look.

10/11/2024 – 31/12/2024 Abuja, Nigeria  
**UI/UX DESIGNER** MICHALO (CONTRACT)

- I designed the website’s interface: typography, color schemes, buttons, icons, and interactive elements.
- I ensured the design is visually engaging, accessible, and consistent across all pages and devices.
- Focus on micro-interactions (e.g., hover effects, feedback after submitting an assignment).
- Ensure the platform is usable by people with disabilities (e.g., readable fonts, keyboard navigation, screen reader compatibility).

## SKILLS

typography | design process | Microsoft Office | Figma & Adobe XD | use methodologies for user-centered design | design graphics | design user interface | draw design sketches | software UI design patterns | FrontEnd: HTML, CSS, JavaScript

## ● PROJECTS

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04/01/2025 – 29/01/2025

### Front-End Developer Portfolio

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Designed and developed a responsive portfolio that showcases strong coding skills, modern UI/UX design, and a mobile-first approach. Focused on creating an engaging, accessible, and user-friendly experience that highlights web development projects and technical expertise.

- Analyzed top portfolios to understand design trends, layouts, and features.
- Sketched low-fidelity layouts for homepage, project pages, and about/contact sections.
- Implemented designs using HTML, CSS, JavaScript, and frameworks like React (optional based on tech stack).
- Selected a clean, modern style with a focus on readability, hierarchy, and strong visual storytelling.

05/09/2024 – 10/10/2024

### Event Booking App

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The Preview Event Booking App is a user-friendly platform designed to simplify the process of discovering, scheduling, and managing events. It allows users to browse upcoming events, book tickets, manage RSVPs, and receive real-time updates and reminders. Designed with a focus on intuitive navigation, mobile-first design, and a clean, modern UI, the app delivers a smooth experience for both event organizers and attendees.

- Event discovery, ticket booking, RSVP management, real-time notifications, and reminders.
- Intuitive navigation with personalized event recommendations and easy calendar integration.
- Designed with accessibility best practices to ensure inclusivity for all users.

10/11/2024 – 31/12/2024

### E-learning Website

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Michalo E-Learning is a dynamic educational platform I helped design and shape, focused on making learning more accessible, interactive, and engaging for users of all ages. My role involved creating a user-centered design that simplifies navigation, supports personalized learning journeys, and makes online education enjoyable and intuitive. The platform features interactive course modules, real-time progress tracking, quizzes, certifications, and a clean, modern interface designed with a mobile-first approach. I focused heavily on ensuring a seamless user experience (UX) — from the first login to course completion — while maintaining visual consistency, accessibility standards, and responsive performance across all devices.

- Delivered accessible, engaging, and personalized online education.
- Designed user-centered interfaces and streamlined user experiences across the platform.
- Optimized performance for seamless course loading and interactions.