

Chiamaka Prosper Nkwazema

Web Developer | Biotechnology Graduate

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Portfolio: [chiamakaproper-v1.vercel.app/](#)

PROFESSIONAL SUMMARY

Passionate Web Developer with 2 years of hands-on experience building responsive web applications using React, TypeScript, and modern frontend technologies. B.Tech graduate in Biotechnology (Bioinformatics) with a unique blend of technical programming skills, problem-solving abilities, and a commitment to continuous learning. Experienced in creating user-friendly digital solutions and collaborating on impactful projects. Strong background in community advocacy.

TECHNICAL SKILLS

- Web Development: HTML, CSS, JavaScript, React, TypeScript, Tailwind CSS, Responsive Design, Redux
- Version Control: Git, GitHub

Soft Skills

- Communication & Team Collaboration
- Problem Solving & Critical Thinking
- Adaptability & Creativity
- Time Management
- Attention to Detail

PROFESSIONAL EXPERIENCE

Web Developer (Remote / Personal Projects)

January 2023 – Present

- Built and deployed responsive web applications using React, TypeScript, and Tailwind CSS
- Developed a fully functional e-commerce website using React and Redux, featuring dynamic product listings, cart management, and a responsive user interface
- Designed user-friendly interfaces with focus on accessibility and performance optimization
- Implemented modern web development best practices, including component reusability and state management
- Deployed projects using Vercel and maintained version control with Git/GitHub

NYSC Service Year

Kebbi State, Nigeria | 2023–2024

Mathematics Teacher – Government Day Secondary School Makens-gvandu

- Taught mathematics to SSJ students, improving student comprehension through innovative teaching methods
- Developed lesson plans and educational materials

IDS President (Service Delivery Group)

- Led the Service Delivery group (Serv.Com) coordinating outreach and sensitization programmes
- Organized community development activities
- Awarded Best President, Batch B, Stream 2, 2023

Intern – IVF Unit

Federal Medical Center, Umuahia, Nigeria | June 2019 - December 2019

- Assisted in daily IVF procedures and laboratory tasks
- Monitored patient records and maintained accurate documentation
- Gained hands-on experience with embryology and reproductive health technologies
- Supported clinical team in patient care and lab protocols

KEY PROJECTS

E-Commerce Web Application

Technologies: React, Redux, Tailwind CSS, JavaScript

Project Link: <https://shop4james.vercel.app/>

Key Features

- Responsive Design: Fully mobile-friendly layout with Tailwind CSS.
- Dynamic Product Search: Users can filter products instantly as they type.
- Real-Time Cart Updates: Cart count, total price, and items update immediately.
- Mobile Navigation: The hamburger menu opens a smooth, mobile-friendly navbar.
- Global State Management: Redux Toolkit handles cart, products, and UI state efficiently.
- Product Listing & Details: Users can explore product categories and view item information.
- Seamless Page Navigation: Built with React Router for fast, smooth transitions

Technical Implementation

- Redux Toolkit: Centralised state for cart logic, product data, and user actions.
- React Components: Reusable, modular components for products

Bankist

Technologies: HTML, CSS, JavaScript

Project Link: <https://bankist-kappa.vercel.app/>

A simple Bank App that lets users log in, view transactions, request loans with interest, close accounts, and auto log out after inactivity.

Key Features

- User Login System: Users log in with a username and PIN.
- Transaction Display: Shows deposits, withdrawals, and balance updates.
- Transfer Money: Users can send money to another account if they have enough balance.
- Request Loan: Users can request a loan based on specific conditions (e.g., must have at least one deposit of 10% of the loan amount).
- Account Closure: Users can delete their account using their username and PIN.
- UI Updates: Every action instantly updates the interface without refreshing the page.

Technical Implementation

- JavaScript Logic
- DOM Manipulation
- Timers
- Data Formatting

Task Manager App

Technologies: React, Tailwind CSS, Zustand, Vite, JavaScript

Project Link: <https://task-managing-app-1.vercel.app/>

Key Features

- Add, Edit, Delete Tasks: Full task lifecycle in one interface.
- Real-Time Updates: Tasks update instantly using Zustand's lightweight state management.
- Responsive UI: Works smoothly across mobile, tablet, and desktop.
- Clean, Modern Design: Tailwind CSS provides a polished and consistent look.

Technical Implementation

- React Components: Modular structure for forms, task lists, filters, and UI elements.
- Zustand Store: Manages task data efficiently with minimal boilerplate.
- Tailwind CSS: Utility classes ensure fast, responsive styling.
- State Persistence (optional): Store tasks in localStorage so they remain after refresh.
- Efficient Re-render: Zustand updates only components that need changes, improving performance.
- Scalable Architecture: Easy to extend with features like categories, deadlines, or user accounts.

EDUCATION

Bachelor of Technology (B.Tech) in Biotechnology (Bioinformatics Option)

Federal University of Technology Owerri, Imo State, Nigeria | 2015–2021

- Relevant coursework: Bioinformatics, Molecular Biology, Data Analysis
- Final Year Project: Effect of Used Groundnut Oil in Soil Composition

TRAINING & PROFESSIONAL DEVELOPMENT

- Software Engineering – IBT Learning School (November 2024 – June 2025, Ongoing)
- FastAPI Backend Development – Africa Agility (February 2024 – April 2024)
- JMTT Software Development Programme (March 2024 – December 2024)
- HTML, CSS and JavaScript Bootcamp – Udemy (2023)

CERTIFICATIONS & AWARDS

- Winner, Africa Agility Hackathon (2025)
- Software Engineering Certificate – IBT (2025)
- Best CDS President Award – NYSC Batch B, Stream 2 (2023/2024)
- JMTT Software Development Certificate – Among July Hackathon Laptop Winners (2024)
- Committed and Dedicated Teacher Award – NYSC PPA (2024)
- National Youth Service Corps (NYSC) Certificate – Kebbi State (2024)

VOLUNTEER EXPERIENCE

Climate Advocate & Volunteer

Energy Reboot Africa | Ongoing

- Conducted environmental sensitization at St Dynasty Secondary School, Adikpo Kwaande L.G.A, Benue State on World Environmental Day (June 5, 2024) focusing on waste management.
- Created awareness about proper waste disposal and environmental conservation
- Led storytelling campaigns on environmental awareness and sustainability
- Shared informative content on sustainability and leadership through LinkedIn
- Engaged in collaborations promoting climate education and digital storytelling

INTERESTS

Travelling | Making Friends | Tech & Design | Environmental Advocacy | Teaching
