

Victor Nnamani

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SUMMARY

Fast learner and a Passionate Full-Stack Developer with experience building scalable, accessible, and visually engaging web applications using React, Next.js, TypeScript, and modern frameworks. Proficient in both frontend development and backend architecture including RESTful APIs, database design, authentication systems, and cloud deployment. Adept at translating design systems into performant, maintainable interfaces and collaborating in Agile teams to deliver user-focused solutions that drive business growth.

EXPERIENCE

Rheingold - Full-Stack Developer

2025 - Present, Remote

CashCognizance Platform:

- Architected and deployed CashCognizance, a full-stack cryptocurrency analytics platform serving real-time market data, automated reporting, and AI-powered content generation to retail crypto investors.
 - Built comprehensive Next.js 16 application with TypeScript, implementing server-side rendering, 25+ RESTful API endpoints, and PostgreSQL database for user management, newsletters, and analytics tracking.
 - Developed secure authentication system using NextAuth v4 with role-based access control, bcrypt password hashing, and middleware protection for admin routes.
 - Engineered automated PDF report generation system using React-PDF with dynamic chart rendering, Vercel Blob storage integration, and secure access control for 30+ historical reports.
 - Built AI-powered tweet engine with dual-access system generating market analysis content and SVG-based branded images with sentiment-based styling.
 - Implemented end-to-end newsletter infrastructure with Resend API, double opt-in email verification, and admin dashboard for composition and delivery tracking.
 - Integrated real-time cryptocurrency data from CoinGecko API for 50+ assets with responsive TailwindCSS dashboards featuring live price tracking, market cap analysis, and liquidity snapshots.
 - Built comprehensive analytics system with Recharts visualizations tracking page views, user engagement metrics, and traffic sources via admin dashboard.
 - Implemented Web3 wallet integration infrastructure (ethers.js, @solana/web3.js, WalletConnect) for upcoming cryptocurrency swap functionality.
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ShotGen AI Video Generator Platform (Frontend) :

- Developed comprehensive frontend interface for ShotGen AI, a SaaS platform enabling marketers, creators, and small businesses to generate AI-powered marketing videos through an intuitive Next.js 16 web application.
- Built dual-mode video generation UI supporting both text-to-video and image-to-video workflows with real-time status polling, progress tracking displays, and seamless integration with backend video generation API.
- Engineered responsive content creation interface featuring dynamic form handling, multi-step video generation workflow, file upload with client-side validation (10MB limit, jpg/png/webp), and live preview system with progress indicators and status updates.
- Implemented sophisticated prompt composition interface with automatic title-to-prompt generation display, style preset selection (Cinematic, Promo, Social, Minimal, Anime, 3D Render), duration control (5-8 seconds), and motion preset options (Slow Pan, Parallax).
- Developed full-featured dashboard UI with project history display, video management interface, search and filtering capabilities, and download functionality for completed video assets.
- Built complete authentication UI flows for login, registration, forgot password, and billing/pricing pages designed to integrate with the SaaS subscription model.
- Designed modern, gradient-driven UI using Tailwind CSS 4 with animated hero sections, glassmorphism effects, custom scrollbar styling, and responsive mobile-first design with hamburger menu navigation.
- Created custom React hooks (useVideoGeneration) for managing frontend video generation lifecycle, implementing automatic polling intervals for status updates, error state handling, and state management across text and image generation modes.
- Implemented TypeScript throughout for type-safe API communication with backend services, including comprehensive type definitions for video requests, status responses, motion presets, and error handling.
- Developed reusable component architecture with Navbar, Footer, and Sidebar components featuring Lucide React icons, smooth animations using Animate.css, and backdrop blur effects for visual depth.
- Tech Stack: Next.js 16, React 19, TypeScript 5, Tailwind CSS 4, Lucide React, Animate.css, REST API integration with backend video generation service.

Key Technical Highlights:

- Frontend integration with video generation API endpoints (/api/v1/video/text and /api/v1/video/image)
- Real-time status polling with progress percentage tracking and UI updates
- FormData construction for multipart image uploads to backend
- Custom error handling with typed ApiError responses
- GPU-accelerated CSS animations and gradient transitions
- Session-based token management with localStorage
- Fully responsive design from mobile (320px) to desktop (1920px+)

MediaVeed UI Overhaul Project :

- Assigned to rescue failing pre-launch product by completely overhauling the UI/UX of a React + Vite + Laravel video processing application under extreme time pressure and tight deadline.
- Redesigned entire navigation system from ground up, converting problematic slider-based navigation to professional multi-dropdown architecture with active state management and parent-child relationship handling.
- Architected comprehensive mobile responsiveness: implemented auto-hiding navbar on scroll, full-width static dropdowns, WCAG 2.1 compliant 44px touch targets, and custom scrollbar styling for optimal mobile UX.
- Resolved critical z-index stacking issues causing dropdown menus to render behind page content by implementing proper layering hierarchy (navbar: 1040, dropdowns: 1050) with backdrop-filter blur effects for visual separation.
- Redesigned core UI components including hero sections, input boxes, authentication buttons, and highlight generator interface, significantly improving visual hierarchy, user flow, and overall aesthetics.
- Optimized performance with GPU-accelerated CSS animations, eliminating JavaScript animation overhead and improving mobile performance across all devices.
- Delivered 30+ commits over 3 weeks with zero breaking changes to existing functionality. Tech stack: React 19, Vite, Bootstrap 5.3, React Bootstrap, Lucide React, advanced CSS3 (backdropfilter, animations, custom scrollbars).

Freelance Frontend Developer

January 2024 – Present, Remote & On-Site

- Built responsive landing pages and marketing sites for small businesses using React and Tailwind CSS.
- Worked with real clients to refine UI/UX and improve conversion performance.

Joesy Housing Estate Website (2024):

- Developed comprehensive multi-page real estate website for Joesy Housing Estate, a full-service property management company offering real estate investment, development, consultancy, and additional services.
- Built responsive, mobile-first website using React 19, React Router, Tailwind CSS 4, and Vite with smooth page transitions, animated UI elements using Framer Motion and AOS library.
- Implemented custom typewriter effect welcome animation with session-based rendering optimization, creating engaging first-time user experience without repetitive loading.
- Created dynamic navigation system with dropdown menus, active state management, hover effects with delayed closing, and fully responsive mobile hamburger menu with Framer Motion animations.
- Designed and developed 6 main pages: Landing/Home, Who We Are (company overview), Founder Profile, Services (10 service categories), Contact Us, and integrated features including hero sections, about sections, service cards, founder biography, and map integration.
- Integrated Google Maps API for interactive office location display and Formspreet contact form with validation, loading states, success/error handling for client communications.
- Built services showcase featuring 10+ service categories including Real Estate Investment,

Property Development, Management, Consultancy, Agency services, Event Management, Building Materials Supply, Cleaning Services, and Car Rentals with custom icons, descriptions, and feature tags.

- Implemented comprehensive FAQ section with accordion functionality, smooth expand/collapse animations, and hover effects for enhanced user experience.
- Optimized images with WebP format for faster loading, implemented custom CSS for hero sections with responsive background images, and integrated social media links (Instagram, Facebook) with hover effects throughout the site.

Projects

- E-Learning Platform: Designed and developed a responsive React web app featuring sign-in/signup, landing page, and course listings.

I.D.E.A.L - Web Developer Intern

August 2022 - September 2023, Asaba, Delta State, Nigeria

- Developed and maintained web applications using HTML5, CSS3, JavaScript, and React, contributing to multiple client projects throughout the internship.
- Implemented responsive user interfaces and reusable component libraries, ensuring crossbrowser compatibility and optimal user experience across desktop and mobile devices.
- Integrated RESTful APIs with frontend applications, implementing proper error handling, loading states, and dynamic data rendering for enhanced interactivity.
- Collaborated with senior developers and design teams to implement WCAG-compliant accessibility features and maintain consistency with brand design systems.
- Participated in code reviews and refactoring initiatives, improving codebase maintainability through adoption of modern JavaScript best practices and performance optimization techniques.

EDUCATION

Bachelor Of Science in Computer Science

Ebonyi State University • Ebonyi State, Nigeria • 2023

SKILLS

- Languages / Technologies: React, Next.js, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Vite
- Frontend Development: Component-Based Architecture, Responsive & Mobile-First Design, State Management (useState, Context API, Redux), Form Handling & Validation, Performance Optimization, Framer Motion, Animation Libraries
- Backend Integration: RESTful API Design & Development, PostgreSQL, NextAuth, Node.js, Vercel Serverless Functions, Database Design, Appwrite, Async/Await, Fetch
- Authentication & Security: NextAuth v4, Role-Based Access Control (RBAC), bcrypt Password Hashing, Secure Login/Logout Flows, Session Management, Input Validation, Error Handling

- API Integration: Google Maps API, Formspree, Third-party APIs, Real-time Data Integration
- Testing: Jest, React Testing Library
- Deployment & DevOps (Basic): CI/CD Basics, Expo, Netlify, Vercel
- UI/UX Design: Accessibility (WCAG), Modern UI Design, Navigation & Routing (React Router / React Navigation), User-Centered Design, Animation & Motion Design
- Version Control & Tooling: Git, GitHub, Vite, Webpack, npm, Yarn, VS Code
- Soft Skills: Communication (Detailed Code Reviews, Clear Technical Documentation), ProblemSolving (Solutions-Oriented Approach, Tackles Unfamiliar Challenges), Adaptability (Quick Learning, Thrives in Dynamic Environments), Accountability (Transparent Timeline Communication, Consistent Delivery), Collaboration (Knowledge Sharing, Constructive Issue Resolution), Resourcefulness (Creative Problem-Solving, Persistent Through Complex Challenges)