

HECTOR JOHN

FRONTEND DEVELOPER

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CAREER SUMMARY

Frontend Developer with 2+ years building production web applications for businesses, startups and Ed-tech platforms. I specialize in converting designs into performant, responsive interfaces using modern frontend tools like React, Next.js and Tailwind. I've delivered measurable results across live commercial platforms including e-commerce sites, landing pages, and learning management systems. Currently expanding my backend capabilities with Node.js and databases to support end-to-end application development.

CORE COMPETENCIES

Frontend Development • React.js • Next.js • TypeScript • JavaScript ES6+ • HTML5/CSS3 • Tailwind CSS • Redux/Context API • Responsive Design • UI/UX Implementation • API Integration • Backend Integration (Node.js, PostgreSQL, MongoDB, Authentication) • Payment Gateway Integration • Git

PROFESSIONAL EXPERIENCE

Frontend Developer | Chacha Technologies

Aug 2025 – Dec 2025

- Led the frontend redesign of Mahanaim College's website, creating a modern, responsive interface that improved usability and engagement across 5 key user journeys
- Integrated WordPress CMS for dynamic content management, increasing online enrollments by 12% and reducing administrative content updates by 40%
- Architected scalable frontend infrastructure with reusable component library, ensuring cross-browser compatibility and achieving 95+ PageSpeed scores

Web Developer | Freelance

April 2024 – Present

- Delivered custom web solutions for 10+ small businesses, including e-commerce platforms, booking systems, and business websites that generated measurable ROI within first quarter of launch
- Built responsive e-commerce platforms processing 200+ SKUs with integrated payment gateways (M-Pesa, Pesapal), reducing cart abandonment by 18% through streamlined checkout flows
- Engineered AI-powered SaaS solutions and automation workflows, including chatbot integrations and intelligent processing systems, enhancing client operations and reducing manual tasks by 40%

UI/UX Designer & Educator

Sept 2024 – Dec 2025

- Conducted programming and UI/UX lessons for 60+ students, driving measurable improvement in student learning outcomes with 85% course completion rate
- Revamped the academy's website and learning interfaces, increasing usability scores by 35% and engagement metrics by 50% for students and prospective users

PROJECTS

Selected from 10+ completed projects

Sixpoint Victoria – Website Redesign | [Live](#)

Tech Stack: Next.js, Tailwind, Framer Motion, Shadcn UI

- Completely overhauled UI/UX for the site, transforming brand identity (blue → gold) and improving navigation structure and visual hierarchy
- Redesigned booking system and user flows with optimized form validation and error handling, reducing form abandonment by 35%
- **Result:** Achieved 45% increase in booking form submissions and 60% reduction in bounce rate within 3 months post-launch

SkillBridge – Online Learning Platform | [Live](#)

Tech Stack: Next.js, PostgreSQL, Better-Auth, M-Pesa SDK, AWS S3

- Built interactive course pages, student dashboards, and progress tracking system with real-time updates, enhancing learner engagement and retention
- Integrated secure authentication and role-based access control (students, instructors, admins) using Better-Auth, ensuring data protection and GDPR compliance
- Result: Platform supports 100+ concurrent users with course completion tracking serving 200+ enrolled students and maintains 98% uptime

East Side Urban – E-Commerce Platform | [Live](#)

Tech Stack: React, Node.js, Express.js, Tailwind CSS, Cloudinary, MongoDB

- Built comprehensive product catalog, dynamic shopping cart, and secure checkout system with real-time inventory management demonstrating full e-commerce functionality
- Deployed mobile-first responsive design with advanced filtering, search functionality, and product recommendations to showcase modern UX patterns
- **Result:** Fully functional e-commerce platform with 99.8% uptime, optimized for mobile (70% typical traffic pattern) and ready for commercial use

EDUCATION

Diploma in Aeronautical Engineering

2019 – 2022

Skypath Aviation College

- Gained foundational knowledge in aeronautical systems, engineering principles, technical documentation, and analytical problem-solving.

CERTIFICATIONS & TRAINING

IBM Full Stack Software Development Professional Certificate – Coursera (2025) | 93% Overall Score

Programming Certificate – IYF Weekend Academy (Sep 2023 – Dec 2023) | Top 5% of Cohort

UI/UX Design Certificate – IYF Weekend Academy (Jan 2024 – April 2024)