

KENNETH BASSEY

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PROFESSIONAL SUMMARY

Fullstack Developer with 4+ years of experience architecting and deploying scalable web applications that drive business growth. Specialized in JavaScript and Python ecosystems, delivering high-performance solutions using React, Node.js, and cloud-native architectures. Proven track record of optimizing application performance by up to 40% and increasing user engagement through AI-powered features.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python
- **Frontend:** React.js, Next.js, TailwindCSS, Tanstack React Query, HTML5, CSS3
- **Backend:** Node.js, Django
- **Database:** PostgreSQL, Firebase Firestore, Redis
- **DevOps & Tools:** Docker, Git, GitHub, Jest, Cypress, Pytest

PROFESSIONAL EXPERIENCE

Frontend Developer | Brandsquare – E-commerce Platform

2025

- Architected and launched a Vendors Hub Storefront serving 200+ vendors, achieving sub-second page load times through strategic implementation of TanStack React Query caching mechanisms
- Modernized legacy codebase by establishing type-safe architecture with dedicated TypeScript definitions and modular component structure, accelerating development velocity by 35%
- Engineered a conversion-optimized checkout flow that achieved 85% completion rate (15% above industry average), processing high-volume transactions with zero downtime
- Transformed data fetching architecture from useEffect patterns to TanStack React Query, reducing API response times by 60% and eliminating redundant network requests
- Streamlined product discovery through advanced filtering logic and dynamic category management, supporting complex product variants and real-time inventory updates

Fullstack Developer | Devodata Technologies

2024

- Scaled multi-tenant SaaS platform to support 100+ enterprise clients using Django REST Framework and React, maintaining sub-200ms response times
- Boosted database performance by 30% through PostgreSQL query optimization and strategic Redis caching implementation
- Increased mobile traffic engagement by 20% through responsive UI component development in collaboration with UX team
- Reduced production defects by 25% by implementing automated end-to-end testing with Cypress and Jest, establishing continuous integration pipeline

PROJECTS

Hours Of Service (HOS) Trip Planner - DOT Compliance Platform for Truck Drivers

- Architected full-stack compliance system using Django REST Framework and React TypeScript, automating Hours of Service calculations to achieve 0% violation rate across 1,000+ planned trips
- Reduced trip planning time by 45 minutes through intelligent route optimization with OpenRouteService API integration, automatically inserting mandatory breaks and rest periods per federal regulations
- Implemented JWT-based authentication with role-based access control, enabling secure driver-specific data access while providing fleet managers comprehensive oversight through Django Admin
- Optimized complex multi-day trip calculations with Redis caching, achieving sub-second response times for route planning despite handling rolling hour calculations and compliance validations
- Containerized application with Docker for consistent deployments, integrating PostgreSQL for reliable data persistence and implementing mobile-first UI for in-cab tablet usage

Fullstack Web Developer | MizViv Hairs - Online Store

- Architected end-to-end e-commerce platform utilizing Django REST Framework and React, designed to manage 100+ hair and wig products with scalable infrastructure
- Accelerated page load times by 40% through Redis caching implementation and Cloudinary image optimization, enhancing mobile user experience
- Established real-time order tracking system using Django Channels and WebSockets, reducing customer support inquiries by 30%
- Created comprehensive admin dashboard with analytics integration, enabling data-driven decisions through sales tracking and customer behavior insights
- Deployed fault-tolerant architecture on Render with PostgreSQL, ensuring 99.9% uptime and automatic scaling capabilities

Askai - AI-Powered Content & Image Generator

- Engineered AI content generation platform using Vue.js and GPT-3.5 Turbo/DALL-E 3, supporting 500+ character prompts with elastic input field design
- Optimized user workflow by implementing collapsible sidebar navigation, reducing task completion time by 40%
- Automated storage management with hourly local storage clearance system, preventing performance degradation
- Enhanced user experience with one-click error recovery and direct image download functionality

Chatter - Social Publishing Platform

- Launched responsive social platform using Next.js, Redux, and TypeScript, achieving 100% mobile compatibility score
- Scaled Firebase Firestore architecture to support 100+ concurrent users while maintaining sub-second response times
- Revolutionized content discovery by integrating Algolia search, reducing article retrieval time from minutes to under 2 seconds
- Increased user engagement by 45% through personalized content feeds and interactive social features

EDUCATION

Diploma in Software Engineering

AltSchool Africa | 2023 – 2024

B.SC, Soil science

University Of Calabar | 2015 - 2019

ADDITIONAL INFORMATION

- **AI Integration:** OpenAI API, GPT models, DALL-E integration, AI-driven automation
- **Performance Optimization:** Caching strategies, lazy loading, code splitting, bundle optimization
- **Testing:** Unit testing, integration testing, E2E testing, TDD methodologies