EUSTACE DIKE

Frontend Engineer (Mid-Level)

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Portfolio | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Frontend Engineer with 4 years of professional experience building high-performance, scalable web applications for enterprise and fintech environments. Proven track record of shipping production-grade features used by millions of users in regulated banking systems. Expert in React, Next.js, and TypeScript with strong full-stack capabilities in Node.js and modern backend technologies. Skilled in building secure authentication systems, optimizing application performance, and collaborating with cross-functional teams to deliver user-centric products. Combines deep technical expertise with business analysis experience, enabling effective translation of requirements into robust technical solutions. Passionate about clean code, performance optimization, and continuous learning.

PROFESSIONAL EXPERIENCE

Software Engineer/Business Analyst

Access Bank Plc | *Lagos, Nigeria* | *June 2022 – Present*

Primary Focus: Frontend Engineering (July 2025 – Present)

- Delivered 2 customer-facing features serving 1M+ active banking customers, achieving maximum level uptime and above average page load time through aggressive performance optimization and code splitting strategies.
- Built enterprise-grade authentication system using NextAuth.js with session management, auto-logout, and role-based access controls, eliminating unauthorized access and improving security compliance audit scores to 100%.
- Developed reusable component library with 10+ UI components in React and TypeScript, reducing feature development time drastically and ensuring design consistency across internal applications.
- Designed and delivered multiple internal web applications for bank staff, including greenfield initiatives and re-engineering of previously outsourced platforms, contributing to the organization's elimination of reliance on costly third-party platforms, saving $150,000+ annually in licensing and renewal fees
- Optimized application bundle size by 30% through dynamic imports, tree-shaking, and asset optimization, improving Lighthouse performance scores.
- Collaborated with backend engineers to design and integrate multiple RESTful APIs, implementing robust error handling and retry mechanisms that improved API success rates.
- Implemented comprehensive unit and integration testing, reducing regression bugs.

Expanded Role: Business Analysis & Project Management (May 2023 – July 2025)

Note: Continued active software development while taking on additional business analysis responsibilities

- Built internal automation tools, dashboards, and prototypes while coordinating business requirements and reducing manual workflows during the bank's Modernization project which spanned over 18 months.

- Led the integration of eTranzact's Payoutlet 2.0 to the Access Bank core banking platform while balancing core security considerations and application flexibility. The platform processes approximately 20M+ transactions daily.
- Led technical requirements gathering, UAT coordination and the execution of Project Everest (Core Banking System/Flexcube software and hardware upgrade, Migration of Access Bank Data Center and Network/Security Infrastructure upgrade), managing 400+ stakeholders and over 2000 test cases across 15 business and IT units over the course of 20 months.
- Collaborated with the middleware and application support teams on Flexcube 14.x integration, ensuring minimal downtime during cutover of over 200 internal and customer facing applications including 10 critical applications.
- Collaborated with infrastructure teams on data center migration projects, adapting strategies to ensure minimal downtime during cutover while maintaining technical documentation.

Fullstack Developer (MERN)

TadTech Creative | *Port Harcourt, Nigeria | September 2022 – April 2023*

- Developed multiple responsive web applications from UI/UX wireframes using React.js, HTML5, and CSS3, delivering pixel-perfect implementations.
- Implemented modern React patterns including hooks, context API, and component composition, improving code maintainability and reducing component re-renders.
- Mentored 5 web development students in React.js best practices, JavaScript ES6+, and Git workflows.
- Optimized existing client websites for mobile responsiveness and cross-browser compatibility.

Coding Instructor

Aceplora Coding Academy | *Port Harcourt, Nigeria | April 2022 – September 2022*

- Designed and delivered comprehensive frontend development curriculum covering HTML5, CSS3, JavaScript, and modern web development practices to over 50 students across 2 cohorts.
- Guided students through hands-on capstone projects, with 95% successfully building and deploying functional web applications to GitHub Pages and Netlify.
- Created interactive coding exercises and project templates that improved student comprehension scores and accelerated learning timelines.

KEY PROJECTS & TECHNICAL ACHIEVEMENTS

Customer Banking Platform | Access Bank

- Built a lightweight, customer-facing digital banking platform serving 300,000+ users, with a growth roadmap to 5,000,000+ customers within two years.
- Implemented core banking functionality including internal and inter-bank transfers, bill payments (airtime, data, TV, utilities), customer onboarding (new and existing users), statements, and enquiries.
- Delivered secure, intuitive UX with PIN-based transaction authorization, password recovery, session security, theme customization (light/dark), profile management, and customizable dashboard layouts.
- *Tech Stack: Next.js, TypeScript, Zustand, Tailwind CSS, NextAuth.js, REST API integration*

Multi-Vendor E-Commerce Platform | Personal Project

- Developed full-stack SaaS e-commerce platform with cart management, distance-based delivery calculation, order tracking, and admin analytics dashboard.
- Admin dashboard for order management, UI and landing page management and modification, product management and business hours management.
- Integrated Paystack and Flutterwave payment gateways, Google Maps API for geolocation, and Cloudinary for image optimization.
- *Tech Stack: Next.js, TypeScript, Supabase (PostgreSQL), Supabase Auth, Supabase Email services, CSS 3, Vercel deployment, serverless functions*

EDUCATION & CERTIFICATIONS

Bachelor of Science (B.Sc) in Industrial Microbiology

Imo State University, Owerri | Graduated September 2019

Udacity Nanodegree in Business Analytics

Udacity | Completed September 2023

Certified Business Analysis Professional (CBAP)

International Institute of Business Analysis (IIBA)

CORE TECHNICAL SKILLS

Frontend Development & Frameworks

React.js • Next.js (Pages Router, App Router, SSR, SSG, ISR) • TypeScript • JavaScript (ES6+) • HTML5 • CSS3 • Tailwind CSS • Material-UI • Chakra UI • shadcn/ui • Styled Components • CSS Modules • SASS/SCSS • Responsive Design • Mobile-First Development • Progressive Web Apps (PWA) • Component-Driven Architecture • Atomic Design Patterns • Design Systems • Webpack

State Management & Data Fetching

Redux • Redux Toolkit • React Query (TanStack Query) • Zustand • Context API • React Hook Form • Formik • Yup Validation • Server State Management • Optimistic Updates • Caching Strategies • Real-time Data Synchronization

Backend & API Development

Node.js • Express.js • RESTful API Design • GraphQL • API Integration • Axios • Fetch API • WebSockets • Supabase • PostgreSQL • MongoDB • MySQL • Database Design • SQL • NoSQL

Authentication & Security

NextAuth.js • JWT • OAuth 2.0 • Session Management • Role-Based Access Control (RBAC) • Secure Cookie Handling • Token Refresh Strategies • Password Hashing (bcrypt) • HTTPS/SSL • CORS • XSS Prevention • CSRF Protection • Content Security Policy (CSP) • Encryption • Secure API Design

DevOps & Cloud Infrastructure

Git • GitHub • Version Control • CI/CD Pipelines • GitHub Actions • Docker • Kubernetes Fundamentals • Vercel • Netlify • Azure • Cloud Deployment • Environment Management • Build Optimization • Performance Monitoring • Analytics Integration

Performance & Optimization

Code Splitting • Lazy Loading • Dynamic Imports • Image Optimization • Bundle Size Optimization • Tree Shaking • Memoization • Virtual Scrolling • Debouncing/Throttling • Service Workers • Caching Strategies • CDN Integration • Browser DevTools Profiling • Memory Leak Prevention

Testing & Quality Assurance

• Unit Testing • Integration Testing • End-to-End Testing • UAT Coordination • Bug Tracking • Cross-Browser Testing • Visual Regression Testing

Payment Integration & Third-Party Services

Paystack Integration • Flutterwave • Payment Gateway Integration • Google Maps API • Cloudinary • Email Services (SendGrid, GMail) • SMS APIs • Social Media APIs • Analytics (Google Analytics)

UI/UX & Design Tools

Figma • Responsive Design Principles • Cross-Browser Compatibility • Design-to-Code Workflows • Design System Implementation • User-Centered Design

Development Practices & Methodologies

Agile/Scrum • Sprint Planning • Code Reviews • Clean Code Principles • Design Patterns • Documentation • API Documentation • Requirement Gathering • Stakeholder Management • Cross-Functional Collaboration • Mentoring Junior Developers

Additional Technical Skills

• Data Visualization (Chart.js, Recharts) • Internationalization (i18n) • Localization • WebRTC • Email Template Development • JSON • XML • Browser Storage (LocalStorage, SessionStorage) • Cookies Management • PWA Manifest • Web Workers

PROFESSIONAL COMPETENCIES

- Cross-Functional Collaboration: Proven ability to work seamlessly with product managers, designers, backend engineers, QA teams, external stakeholders from third-party organizations and stakeholders across multiple time zones and organizational levels.

- Technical Leadership: Experience mentoring junior developers, maintaining coding standards, and driving technical decision-making in team environments.
- Problem-Solving: Strong analytical and debugging skills with ability to quickly diagnose complex technical issues and implement elegant, scalable solutions.
- Communication: Excellent written and verbal communication skills, able to translate technical concepts to non-technical stakeholders and document complex systems clearly.
- Continuous Learning: Self-motivated learner who stays current with emerging frontend technologies, best practices, and industry trends through active participation in developer communities.
- Product Mindset: Strong understanding of user experience, business requirements, and product strategy, enabling delivery of features that balance technical excellence with business value.
- Agile Delivery: Experienced in agile/scrum methodologies, sprint planning, backlog grooming, retrospectives, and delivering iterative value in fast-paced environments.