

# CHIEMEZIE UCHENWOKE

## Fullstack Developer & Technical Instructor

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## PROFESSIONAL SUMMARY

Fullstack Developer with 3+ years experience designing and building scalable, production-grade web applications using React, TypeScript, Node.js, and MongoDB. Proven ability to implement secure authentication (JWT), design scalable APIs, and deliver end-to-end features. Experienced technical instructor having trained 50+ students in fullstack development with 85% completion rate, demonstrating strong communication and mentorship skills.

## WORK EXPERIENCE

### Turing Tech LLC - Fullstack Developer & Technical Instructor

Remote | March, 2024 - Present

- Trained 50+ students in fullstack development (HTML, CSS, JavaScript, React, Node.js, Express), achieving 85% course completion rate.
- Built and deployed production-ready fullstack features, including authentication systems, dashboards, and database integrations.
- Designed and implemented authentication architecture using JWT, refresh token, and RBAC for production systems.
- Developed REST APIs serving React applications, handling user management, payments, and analytics.
- Redesigned curriculum structure, improving student learning outcomes and course clarity by 40%
- Mentored 20+ junior developers through code reviews, debugging, and system design discussions.

## PROJECTS

### MekRecords – Sales & Inventory Management System

Technologies: React, TypeScript, Node.js, Express, MongoDB, JWT, Tailwind CSS

- Delivered full-stack inventory system replacing manual paper records for Lagos-based retail business
- Implemented JWT-based authentication with refresh token pattern, reducing session timeouts by 90%
- Designed MongoDB schema with optimized indexes, improving query performance for 10,000+ sales records
- Built role-based authorization middleware restricting admin-only operations (batch management, user control)
- Created multi-item transaction system with thermal receipt generation (PDF), batch tracking, and profit calculation
- Developed advanced filtering system (date range, payment method, purchase state) with CSV/PDF export functionality
- Implemented responsive design with dark mode support, serving both desktop and mobile users
- Managed scope changes professionally, demonstrating client communication and project management skills

## SpendWise – Fullstack Expense Tracking App

**Technologies:** React, Node.js, MongoDB, JWT, Express

- Built a secure expense tracking system with authentication and transaction analytics.
- Implemented password hashing and JWT-based session management.
- Created React frontend with dashboard showing spending analytics and category breakdowns
- Managed application state and routing for seamless user experience

## EDUCATION

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B.ENG Polymer & Textile Engineering (Nnamdi Azikiwe University, 2014).

## TECHNICAL SKILLS

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- **Frontend Development:** React, TypeScript, JavaScript, Tailwind CSS, Responsive Design, Component Design, State Management (zustand), React Hook Form, React Router
- **Backend Development:** Node.js, Express, RESTful APIs, JWT, Role-Based Access Control (RBAC), Bcrypt Password Hashing, Request Validation
- **Databases:** MongoDB, PostgreSQL
- **Cloud & Deployment:** Docker (basic), Git/GitHub, CI/CD, Vercel, Render
- **Tools & Workflow:** Git, GitHub, Postman, Thunder Client, Chrome DevTools, Code Reviews, Debugging, Manual Testing

## CURRENTLY LEARNING

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Currently expanding expertise in:

- **Automated Testing:** Jest, Supertest
- **Cloud Infrastructure:** AWS, Docker
- **Payments & Integration:** Stripe, Paystack, SendGrid, Cloudinary
- **CI/CD Pipelines:** GitHub Actions