

# MEBUGE KAMSIYCHUKWU BRENDAN

Full Stack Developer (MERN | Supabase | API Design | Real-time Systems)

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## EDUCATION

**Babcock University**

Bachelor of Science Software Engineering

*Ilishan Remo, Ogun State*

2021 - 2025

## PROFESSIONAL EXPERIENCE

**IT Horizons (Zojatech)**

Frontend Developer Intern

January 2024 – July 2024

- Contributed to full-cycle development of responsive web apps with React and Node.js
- Integrated real-time updates using WebSockets and API data syncing
- Built backend logic using Express and MongoDB; collaborated with cross-functional teams
- Participated in agile sprints, daily stand-ups, and code reviews

**Freelance Full Stack Developer**

January 2022 – Present

- Built and deployed 20+ custom full-stack applications for clients using the MERN stack and Supabase
- Engineered secure and scalable REST APIs, integrated third-party services, and implemented CI/CD workflows
- Designed both frontend UI and backend architecture for performance, responsiveness, and data integrity
- Led deployment to Netlify, Vercel, and Render, using GitHub Actions and Docker for CI/CD

## PROJECTS

**UNILERT | Campus Safety Platform** | *React, React Native, Node.js, Express, Supabase, MongoDB*

- A mobile and web-based system for reporting campus emergencies with location tracking
- Backend supports authentication, alert logs, officer dashboards, and real-time incident updates
- Built the dashboard, API, and incident visualization tools end-to-end

**ROCKVIEW | Weekly Report Management System** | *MERN Stack*

- Web app for managing church service attendance reports
- Built admin dashboards, multi-role access control, PDF generation, and email notifications
- Clean separation of frontend/backend logic and component-based architecture

**BUDDYSPEND | Personal Finance Tracker** | *React, Node.js, MongoDB, Financial APIs*

- Allows users to budget, track expenses, and visualize trends
- Integrated secure user login, encrypted data, and dynamic charting with Chart.js

**CHATBUDDY | Messaging Platform** | *React, Node.js, WebSockets, MongoDB, TypeScript*

- Full-stack chat app with real-time messaging, typing indicators, and message history
- Used WebSockets for low-latency communication and MongoDB for persistence

**DevPortfolio Builder** | *Next.js, Tailwind CSS, Supabase*

- Online tool to create, edit, and export developer portfolios in real-time
- Supports dark mode, live preview, and export to JSON/HTML

**LEARNIFY LMS** | *MERN Stack, Supabase, JWT, REST APIs*

- Learning Management System with course management, quizzes, assignment grading, and analytics
- Admins can manage content while students track progress and get personalized

## TRAVELBUDDY | *MERN Stack, Mapbox API*

- Social travel app for sharing trips, group planning, and geolocation-based experiences
- Includes real-time planning board, itinerary sharing, and map integration

## TASKNEST | *MERN Stack, WbSockets, JWT, REST APIs*

- Team-based task management app with drag-and-drop boards, deadlines, and real-time collaboration
- Admins assign tasks and roles, while users track progress and manage team workflows

## SKILLS & INTERESTS

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**Frontend:** React, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, React Native

**Backend :** Node.js, Express, Python, Supabase, RESTful APIs, WebSockets

**Database:** MongoDB, Supabase, MySQL, PostgreSQL

**Tools & DevOps :** Git, GitHub, Docker, Postman, Figma, Vite, Webpack, Netlify, Vercel, Render

**Authentication & Security:** JWT, OAuth2, Bcrypt, RBAC, Input Validation

**Testing:** Jest, React Testing Library, Suertest

**Language:** English (native), French & Igbo (basic).

**Interests:** Augmented and Virtual Reality, Books, Football, Machine Learning, Plants, Startup, Video and board games, UI/UX designing.

## CERTIFICATIONS

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### New Horizons

**2022 - 2025**

- CompTIA A+ Core 1 &2
- Fundamental of Computer Security
- Oracle Databse 12C Fundamentals
- Oracle Databse 12C Admin Workshop
- Oracle SE8 OCA & OCP
- Andriod Application Management

## COMMUNITY & LEADERSHIP

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### Babcock University Coding Club

**2021 - Present**

- Mentored students on MERN stack, Git, and project structuring
- Led mini workshops on deploying full-stack apps and real-time integrations

### Google Developer Student Club (GDSC)

**2022 - Present**

- Worked on collaborative builds using frontend-backend integration
- Contributed to multi-disciplinary team projects using cloud tools and APIs