

DAVID MADUABUCHI

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🌐 portfolio-david-chinedu.web.app/

🔗 github.com/david-maduabuchi

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Selected Projects

• LinkedIn Clone App

Developed a full LinkedIn clone with React and Redux for state management, integrated Firebase for authentication, and used PostgreSQL for data storage.

Website: genghis-linked-in-clone.web.app, **Code:** GitHub Repository

• Kings Record App

Built a membership data management app using React, Redux, and ApexCharts for data visualization, with performance optimization techniques to enhance user experience.

Website: kings-record.web.app, **Code:** GitHub Repository

• React Admin Dashboard

Created an admin dashboard with React and Redux for efficient state management, focusing on clean UI design and backend integration.

Website: david-maduabuchi.github.io/admin-dashboard, **Code:** GitHub Repository

Experience

GenghisCodes Inc.

July 2022 – Present

FullStack JavaScript Developer

Remote

• LinkedIn Clone Application:

- * Developed a LinkedIn clone that increased user engagement by 25% by implementing real-time notifications and a scalable architecture.
- * Designed highly interactive UIs with React and Redux, resulting in a 20% faster load time for data-heavy components.
- * Integrated Firebase for seamless user authentication, reducing authentication issues by 15%.
- * Created scalable RESTful APIs using Express and PostgreSQL, boosting server performance by 30%.

• King's Record Application:

- * Developed a platform to streamline data analysis, reducing data retrieval times by 40%.
- * Improved the user interface, leading to a 50% increase in user satisfaction based on feedback.
- * Optimized ApexCharts for fast real-time data visualization, reducing response times by 25%.
- * Led the implementation of Git version control processes, enabling more efficient collaboration across teams.

Qubators Tech Inc.

September 2023 – October 2024

FullStack JavaScript Developer

Nsukka, EN

• Legacy Codebase Transformation:

- * Rebuilt the company's legacy system in React and Redux, improving maintainability and reducing future development time by 40%.
- * Collaborated with a team of 4 developers to ensure smooth transitions, resulting in a 15% reduction in bug reports.
- * Developed RESTful APIs using Express and MongoDB, improving back-end performance by 35%.

• Performance Optimization:

- * Reduced page load times by 70% by code splitting and lazy loading, increasing user retention by 18%.
- * Improved performance monitoring by integrating tools that helped the team track and resolve slow-loading components faster.
- * Integrated Redux Saga for managing side effects, improving API response handling.
- * Refactored key components using TypeScript, increasing type safety and maintainability.

Website: kings-record.web.app

Skills

Technologies: JavaScript, TypeScript, React, Next.js, Redux, Redux Saga, RTK Query, Jest, Playwright, Tailwind CSS, Firebase, AWS, Vercel

Education

University of Nigeria, Nsukka

2021 – Expected June 2026

Bachelor of Engineering in Electrical Engineering

Nsukka, EN

- **Relevant Courses:** Data Structures, Algorithms, Theory of Computation, Object-Oriented Programming, Web Development.
- Maintained a strong GPA (3.90) and achieved distinctions in programming courses.
- Participated in various hackathons, winning the university-wide competition in 2024 for developing an innovative data visualization app.