

# 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:** genghis-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.