

AGWE BRYAN

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Summary

Full-stack web developer with hands-on experience building modern, scalable applications using the **MERN stack**, **React**, **Next.js**, and **Express**. Skilled in building both frontend interfaces and backend APIs, with a strong focus on clean architecture, performance, scalability, and security. Experienced in cross-functional team collaboration, fast learning, and delivering production-ready features from start to finish.

Skills

Technical Skills & Technology Stack

- **Programming Languages:** JavaScript, TypeScript, Java
- **Frontend:** React.js (Hooks, Context API, global state management), Next.js (SSR, SSG, dynamic routing, image optimization), TailwindCSS, Shadcn, HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Backend:** Node.js, Express.js, RESTful APIs
- **DevOps & Tools:** Git, GitHub, Docker
- **Database:** MongoDB, Supabase, Firebase, PostgreSQL, MySQL
- **Other:** CI/CD workflows, Agile methodologies

Experience

Web Developer

Instructor (Part-Time)

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Aug 2024 – current

- Mentor students in **full-stack web development** using the **MERN stack**, **Next.js**, and other modern tools
- Create and deliver lessons on topics like **React components**, **Node.js APIs**, **MongoDB schemas**, and **authentication with JWT/Firebase**
- Assist learners with **debugging**, **code reviews**, and understanding **best practices** for clean, maintainable code
- Guide students through building **real-world projects**, including **CRUD apps**, **authentication systems**, and **responsive UI design**
- Provide feedback on GitHub submissions and encourage use of **version control**, **collaborative workflows**, and **Agile principles**
- Guided students in building responsive, SEO-optimized web apps with TailwindCSS and API integrations.

Web Developer

AfroVision Group

Jun 2023 – Jan 2024

- Built and maintained a PWA using Next.js with SSR and dynamic routing for optimal SEO and performance.
- Used TypeScript for high-quality code, and make code easier to debut and test
- Implemented secure user authentication using **react-hook-form** and **JWT** in a **Next.js PWA**
- Styled UI using Tailwind CSS, enabling fast development and responsive design
- Created RESTful APIs with **Express.js** and integrated them with React frontend
- Perform **create**, **remove**, **delete** and **update** operations on a **MySQL** database using **Sequelize** as an ORM

Mobile Developer

Qmagic AI

Mar 2023 – May 2023

- Use the flutter framework to create beautiful and interactive user interfaces for the Qmagic AI application
- Incorporate push notifications feature using Firebase Messaging to provide user alerts as needed
- Create RESTful APIs for the backend using Node.js and Express.js
- Incorporate WhatsApp messaging feature using Twilio API, to alert users of finished tasks.
- Use Git for version control of the application and to collaborate with other team members
- Applied various techniques like console logging, breakpoints, using debuggers... to locate bugs and errors

Web Developer

Linux Friends

Aug 2020 – Dec 2020

- Developed and deployed secure web applications using **React.js** and **Next.js**, converting mockups into responsive and interactive user interfaces
- Built and consumed **RESTful APIs** using **Node.js** and **Express.js**
- Applied security measures including **input validation**, **bcrypt password hashing**, and sanitized data handling
- Performed **CRUD operations** on **MongoDB**, **Firebase Cloud Firestore**, and **Firebase Storage** using **Mongoose** and **Firebase SDKs**
- Integrated **Sanity CMS** for dynamic content management and site scalability

Education: Bachelor of Technology, **University of Buea** — **Cameroon** | **2019–2023**