

## **BENTUM YAW RICHMOND**

richmondbentum2020@gmail.com | +233552193214 | [My Portfolio](#)

### **PROFESSIONAL SUMMARY**

Innovative and results-oriented Frontend Engineer & Web Developer with a strong foundation in software development, data structures, and AI technologies. Adept at designing and implementing scalable, high-performance web applications with a focus on user experience and responsiveness. Passionate about leveraging modern technologies to solve complex problems and enhance digital solutions. Proven ability to work collaboratively in agile environments and deliver impactful projects within tight deadlines. Seeking to contribute my expertise to a forward-thinking organization focused on technological advancements.

### **EDUCATION**

BSc Computer Science – Kwame Nkrumah University of Science and Technology (KNUST) (Jan 2020 - Sep 2024)

W.A.S.S.C.E (General Science) – Tamale Senior High (Sep 2017 - Sep 2020)

### **WORK EXPERIENCE**

#### **Software Developer – Reality AI Lab (Feb 2025 - Present)**

- Contributed to building and refining the full-stack architecture for Marvel AI, an AI Teaching Assistant, and Sky AI, an AI Career Coach.
- Designed and implemented front-end interfaces using ReactJS and integrated them with scalable back-end services using Node.js and Python.
- Focused on creating user-friendly and scalable AI-powered education and career tools.
- Tech Stack: ReactJS, JavaScript (ES6+), Redux, Node.js, Python.

#### **Frontend Engineer – PynoTech Solutions (Jan 2025 - Present)**

- Spearheaded the development of Easy Book App, a dynamic salon and barber shop booking platform, enhancing accessibility and user engagement.
- Integrated real-time scheduling and geolocation-based search, improving customer convenience by 30%.
- Leveraged React.js, Tailwind CSS, and Node.js to build a seamless UI, optimizing page speed by 40%.

#### **Intern & Research Assistant – Damongo Agricultural College (Oct 2023 - Jan 2024)**

- Conducted data-driven research that contributed to advancements in agricultural methodologies.

- Provided technical training in Microsoft Office, increasing digital proficiency among students by 25%.
- Managed student data collection and analysis, reducing data processing time by 20%.

#### **Tutor – Study Hall Academy, Damongo (Sep 2021 - Jan 2022)**

- Designed and implemented a structured curriculum for Physics and Elective Mathematics, leading to a 15% improvement in student performance on W.A.S.S.C.E.
- Utilized interactive learning techniques to simplify complex scientific concepts, fostering better student engagement.

#### **PROJECTS**

##### **Easy Book App (Jan 2025 - Feb 2025)**

- Developed a fully responsive web-based platform for salon and barber shop bookings, streamlining appointment management.
- Implemented secure authentication and real-time scheduling to enhance user experience.
- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB.

#### **CERTIFICATIONS & TRAINING**

Full-Stack Web Development – Udemy (April 2023)

Python for Data Science – Udemy (April 2024)

Advanced Data Entry in Microsoft Office – Udemy (April 2024)

#### **TECHNICAL SKILLS**

- Programming Languages: JavaScript, Python, C++
- Databases: MongoDB, MySQL, Microsoft SQL Server
- Frameworks & Tools: React.js, Node.js, Express.js, Tailwind CSS
- Other Skills: Agile Development, UI/UX Design, API Integration, Research, IT Support, Data Analysis

#### **VOLUNTEERING EXPERIENCE**

Walk for the Cure Program – Led breast cancer awareness campaigns, educating over 500 women on early detection and treatment options.

#### **REFERENCES**

Mr. Bright Bentum - Damongo Agricultural College – HOD Computer Science Department

Phone: +233 24 972 0507 | Email: brightbent1@gmail.com

Pastor David Gbulo - New Life Preparatory – Proprietor  
Phone: +233 24 351 9697