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EDUCATION

UNIVERSITY OF GHANA, LEGON

Accra, Ghana

MSc. Computer Science

- Developed a Virtual Reality (VR) project as a part of the MSc Research, showcasing proficiency in Unity and C# programming.
- Designed and implemented immersive user interfaces within a VR environment, emphasizing user-centered design principles.
- Collaborated with a multidisciplinary team to conceptualize, design, and create interactive VR experiences.
- Employed C# scripting to handle user interactions, UI animations, and data processing within the VR application.
- Effectively optimized VR performance, ensuring smooth visuals and responsive user interactions.
- Demonstrated strong problem-solving skills by overcoming technical challenges unique to VR development.

KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Kumasi, Ghana

BSc. Computer Science

PROFESSIONAL EXPERIENCE

DABA FINANCE

Remote (US)

Frontend Engineering Intern (Web and Mobile)

June 2023 – Current

Mobile

- Improved the existing in-app video player from fullscreen mode only to embedded, fullscreen and mini-player modes. This was essential to providing engaging content and information to clients and potential customers
- Replaced the existing default profile image with an image incorporating user initials to improve user experience
- Integrated WhatsApp support to improve customer support channels

Web

- Built the news and case studies pages and integrated data from a GraphQL backend and WordPress CMS
- Developed custom UI components utilizing Sass to enhance the visual appeal and interactivity of the website.
- Implemented responsive design to ensure a more intuitive and user-friendly experience.
- Leveraged Next.js framework to implement server-side rendering and improve site performance
- Fixing bugs to improve user experience.

MYHEALTHCOP LTD

Accra, Ghana

Project Manager(National Service)

September 2022 - August 2023

- Successfully managed the development of two mobile apps and one website, ensuring timely completion despite initial extensive delays.
- Utilized frontend development skills to design and develop an additional web page, enhancing the website's overall functionality and user experience.
- Implemented effective project management strategies to streamline processes, optimize

resource allocation, and maintain clear communication channels throughout the development lifecycle.

- Implemented a registration form using Airtable, enabling efficient user registration and data management for the company.
- Demonstrated strong problem-solving skills and adaptability in managing evolving project requirements, prioritizing tasks, and making informed decisions to achieve project objectives.
- Led a team of developers and coordinated their efforts to meet project milestones and deliver high-quality applications within budget and on schedule.

Software Development Intern

June 2022 - August 2022

- Designed and developed an internal tool to streamline image transfer and sharing processes, improving efficiency and collaboration within the company.
- Utilized programming skills to create a user-friendly interface and implemented robust functionality, ensuring seamless file transfers and optimized workflow.
- Collaborated with team members to gather requirements, incorporate feedback, and deliver a tailored solution that met the specific needs of the organization.
- Monitored website analytics and performance using tools like Google Analytics, identifying areas for improvement and implementing data-driven strategies to drive targeted traffic and conversions.

FREELANCE DEVELOPER

Accra, Ghana

Front End Developer

April 2022 -

Current

- Developed websites for a school, delivering customized solutions that met the school's requirements and design preferences.
- Built a food news and blog website, incorporating Google Analytics to track website performance and user behaviour, enabling data-driven optimizations.
- Implemented Sanity CMS to efficiently store and fetch data, ensuring seamless content management and easy updates for the websites.
- Monitored website analytics using Google Analytics, interpreting data to identify trends, user engagement, and areas for improvement.
- Integrated payment functionality using Paystack, enabling secure online transactions and providing a seamless user experience for e-commerce websites.
- Continuously enhanced technical skills by learning new technologies and tools, staying updated with industry trends, and applying innovative solutions to project challenges.

TECHNICAL SKILLS

- React.js, Next.js, ASP.NET, React Native, Scss, Tailwind CSS,
- REST, GraphQL, Git, GitHub,
- HTML, CSS, JavaScript, TypeScript, C#, Python, SQL
- Figma, Adobe Photoshop, Unity

SOFT SKILLS

Project Management, Adaptability, Communication, Leadership, Problem-solving, Attention to detail, Collaboration

ADDITIONAL INFORMATION

Interests: Music, Swimming, Soccer, Food