DIVINE **ANUM**

Accra - Ghana · (233) 557 632 802
divineniianum@gmail.com · divineanum.com · linkedIn.com/in/divineanum · Github

Skilled and passionate professional, proactive and experienced in cross-functional collaboration, with 5 years of experience delivering high-quality web solutions across healthcare, education, and transportation.

RELEVANT WORK EXPERIENCE

JUNE 2026 – SEPTEMBER 2026

FRONTEND ENGINEER, BRICK & GREY DEVELOPMENTS (CONTRACT)

- Designed a full multi-page website in Figma using the client's brand guidelines, establishing a scalable UI framework and interactive design system.
- Developed the core frontend infrastructure using Reactjs and Tailwind CSS.
- Optimized for SEO and web performance by utilizing Server-Side Rendering with React Router, leveraging semantic HTML, compressing and lazy-loading high-resolution media assets.
- Built a custom Content Management System with Sanity, ensuring seamless rendering of property listings, image galleries, and other metrics and integrated custom lead-capture forms with EmailJS.

SEPTEMBER 2025 – NOVEMBER 2025

FRONTEND ENGINEER, GREENROUTE GHANA (CONTRACT)

- Built a modern, visually polished website using React, showcasing EV models with high-quality imagery and advanced filtering capabilities.
- Developed a robust, custom Sanity CMS with multiple interconnected content types to manage detailed EV car data.
- Collaborated closely with the client to ensure accurate, up-to-date technical specifications and descriptions for all vehicle listings.
- Implemented strong SEO foundations to improve visibility, search ranking, and organic discovery.
- Attracted over **3,000** unique visitors and more than **7,000** impressions since launch.

JUNE 2023 – NOV 2025

SENIOR FRONTEND ENGINEER, LA RUCHE HEALTH (PART-TIME)

- Led the development of a multilingual EMR system from scratch using React and i18next, designing a domain-based architecture to deliver **50+** complex pages and collaborating closely with designers and backend engineers to translate healthcare workflows into clean, scalable interfaces.

- Designed and implemented role-based access control at the UI layer, tailoring workflows and data visibility for doctors, nurses, and administrative staff to ensure compliance and reduce interface complexity.
- Introduced a query key factory pattern for React Query to standardize cache keys across the application, preventing collisions and improving cache invalidation consistency as the product scaled.
- Built a high-fidelity video consultation platform using Agora, enabling secure, real-time communication between doctors and patients, similar to Google Meet.
- Engineered a multilingual patient-facing appointment booking platform with React, optimized for conversion, international usability, and seamless handoff to the company's mobile app; scaled to **2,700+** weekly visits during peak months.
- Rewrote the booking platform from a client-rendered React SPA to Remix to enable server-side rendering and dynamic Open Graph metadata per doctor profile, significantly improving social media link previews and increasing referral-driven engagement.
- Built a multilingual, standalone queue management system optimized for large waiting-room displays, using web sockets to deliver real-time patient position updates.
- Supervised and mentored a junior engineer, guiding contributions across multiple codebases and helping them successfully deliver a standalone analytics dashboard.
- Contributed significantly to the success of multiple product launches, helping the company secure over **$160,000** in grants and awards, participate in VivaTech Paris 2024 as one of the promising startups selected by Ivorian authorities, and win the **2025 Galien Prize Africa** in three categories: Best Pharmaceutical Product, Best Traditional Therapy Product, and Best Biotechnology Product.

FEBRUARY 2025 – AUGUST 2025

FRONTEND ENGINEER, PLANNED PARENTHOOD ASSOCIATION OF GHANA (CONTRACT)

- Built a visually appealing, multi-page website designed to educate and engage youth on sexual and reproductive health.
- Developed a robust Sanity CMS to manage blogs, events, podcasts, and other dynamic content.
- Implemented a social-media-inspired feature that allows PPAG to publish posts and enables users to like and comment anonymously.
- Integrated external APIs to power e-commerce services within the site.
- Worked with stakeholders throughout the project to extract requirements and shape a user-centered digital experience.
- Attracted over **3,000** unique visitors and over **4,000** total visits since launch.

MARCH 2024 – OCTOBER 2024

FRONTEND ENGINEER, ALDIN CYCLES (CONTRACT)

- Designed a clean, intuitive landing page for Ghana's first bike-sharing company using Figma, tailored for clarity and visual appeal.
- Developed the site using **Remix** and integrated a headless CMS with **Sanity** for dynamic content management.
- Collaborated directly with the client to capture product goals and translate them into a responsive, user-friendly web experience.
- Optimized performance and SEO to support fast loading and visibility across devices and search platforms.
- Generated over **22,000** unique visitors and more than **27,000** total visits since launch, demonstrating sustained interest and continued growth.

OCTOBER 2023 – OCTOBER 2024

FRONTEND ENGINEER, TWN-AFRICA (CONTRACT)

- Collaborated with a designer to convert **40+** high-fidelity designs into pixel-perfect, responsive pages.
- Collaborated closely with clients to gather requirements and deliver precise implementations.
- Built a custom Content Management System (CMS) with **Strapi** to handle **30+** complex models of data.
- Managed CMS database integrations, incorporating **Algolia** search and **AWS** bucket storage for enhanced functionality.
- Handled multi-language support by integrating i18next for seamless translations.
- Attracted over **6,300** unique visitors with **7,500** visits since launch.

FEBRUARY 2023 – MAY 2023

FRONTEND ENGINEER, DANIEL AND SHAH (CONTRACT)

- Developed and deployed a visually striking website to establish a strong digital presence in the domains of web3, crypto, and fintech.
- Implemented a custom Content Management System (CMS) using **Strapi** to seamlessly manage and update website content.

DECEMBER 2022 – OCTOBER 2023

TEACHING ASSISTANT, UNIVERSITY OF GHANA (FULL-TIME)

- Assisted in tutoring over 400 undergraduate students in the fields of Embedded Systems and Human Computer Interaction (HCI).
- Facilitated student understanding of core concepts through interactive sessions, problem-solving exercises, individualized guidance and hands-on demonstrations.
- Developed and delivered supplementary teaching materials, including tutorials, study guides, and practice exercises, to enhance student learning and comprehension.

- Collaborated with professors and fellow teaching assistants to ensure consistency in course content delivery and maintain a positive learning environment.
- Utilized Sakai learning management system and other online platforms to effectively communicate with students, share resources, and facilitate collaborative learning.
- Assisted in the coordination and execution of large-scale practical sessions and exams, ensuring smooth logistics and adherence to academic standards.

NOVEMBER 2022 – APRIL 2023

FRONTEND ENGINEER, WE AFRICANS UNITED, ITALY (CONTRACT)

- Crafted a visually appealing website to showcase the rich cultural heritage and narratives of the African continent and its diaspora to the Italian community.
- Implemented and leveraged **Webflow CMS** for efficient content management of the website.

EDUCATION

SEPTEMBER 2018 - PRESENT

BSC COMPUTER SCIENCE, UNIVERSITY OF GHANA

Courses: C/C++ programming, Java programming, Web development, Software Engineering, Data structures and algorithms, Databases, Calculus, Operating Systems, Embedded Systems, Artificial Intelligence, Discrete Mathematics, Digital Electronics, Compilers, Software modelling and simulation, Data communication and networking, Human Computer Interaction, Computer systems security and Expert systems.

KEY SKILLS

PROGRAMMING LANGUAGES, LIBRARIES & FRAMEWORKS

React, Typescript, SQL, Python, Sass, Styled components, Tailwind, ReactJS, Remix.JS, GSAP, NodeJS, Express.

TOOLS

Figma, Jira, Git, GitHub, VSCode, Webflow CMS, Strapi, Vercel, Heroku, Prisma, MongoDB, Sanity.

SOFT SKILLS

Excellent communication, Team player, Effective leadership, Creative thinking, Problem solving, Excellent time management, Adaptability, Conflict resolution and Mentoring.

SELECT PROJECTS

DEPARTMENT MANAGEMENT SYSTEM, FINAL YEAR PROJECT

OBJECTIVE:
Designed and implemented an all-in-one system that aids in the seamless management of departmental administrative activities.

- Conducted extensive user research to understand the specific needs and pain points of senior staff in the department.
- Collaborated with stakeholders, including the department head, to gather requirements and define the scope of the project.
- Designed the system architecture and created detailed software design specifications based on the gathered requirements and user research findings.
- Implemented the system using appropriate technologies ensuring high-quality code, scalability, and maintainability.
- Worked closely with a cross-functional team of engineers, designers and technical writers to ensure seamless integration and functionality of the system.
- Engaged in agile development methodologies, participating in regular sprints, stand-up meetings, and code reviews to maintain project momentum and ensure adherence to project timelines.
- Collaborated with a UI/UX designer to create an aesthetically pleasing and intuitive interface that streamlined departmental administrative activities.
- Conducted user acceptance testing (UAT) sessions with end-users to gather feedback, iterate on design improvements, and validate system functionality.
- Provided technical documentation, including system specifications, user manuals, and technical guides, to aid in system maintenance and support.

TECHNOLOGIES USED:
React, Styled Components, Typescript, Javascript, NodeJS, MongoDB.

ETHEREAL, ACADEMIC

OBJECTIVE:
Built a WhatsApp bot used by 100+ CS final-year students for real-time schedules, alerts, and academic resource delivery.

- Implemented dynamic functionality to generate timetables (both daily and weekly) on demand, tailored to the specific electives being offered.
- Enabled seamless access to course materials for all courses through a single command, providing immediate retrieval of relevant resources.
- Implemented an automated system to track upcoming classes and notify users at specified intervals, ensuring timely attendance and preparedness.
- Facilitated access to examination timetables, enabling students to conveniently keep track of their scheduled exams.

- Developed a feature to forward essential announcements and links from WhatsApp class groups directly to users' inboxes, ensuring important information is readily accessible.
- Collaborated closely with the target audience, gathering requirements and incorporating user feedback to refine the bot's functionality and usability.

TECHNOLOGIES USED:
NodeJS, Express, MongoDB.

SPOTLIGHT APP, PERSONAL

Independently designed and developed a desktop application with the purpose of extracting Windows Spotlight Photos, which are the captivating images used as lock screens on Windows Operating System by default.

TECHNOLOGIES USED:
Python, PYQT5.

MEDBILLS APP, VOLUNTEERING

- Developed and maintained a bespoke desktop application to streamline and simplify data entry processes for a nurse at a private institution.
- Abstracted an existing Excel database, providing an intuitive user interface and efficient data entry functionalities within the custom application.
- Achieved a significant improvement in data entry speed, resulting in a 75% increase in efficiency compared to the previous manual process.
- Implemented robust validation mechanisms and error-checking features, resulting in a reduction of input errors by over 80%.

TECHNOLOGIES USED:
Python, PYQT5.

LANGUAGES

- English – Native

CERTIFICATIONS

ISSUED MAY 2026

RCOMPLETE NODE.JS DEVELOPER BOOTCAMP, ZERO TO MASTERY ACADEMY

CREDENTIAL ID - CERT_XD71L0QD

ISSUED APRIL 2025

REMIX (REACT ROUTER) BOOTCAMP: ZERO TO MASTERY, ZERO TO MASTERY ACADEMY

CREDENTIAL ID - CERT_SS3H3DTC

ISSUED SEPTEMBER 2024

REMIX.JS – THE PRACTICAL GUIDE, UDEMY

CREDENTIAL ID - UC-67492994-8470-4c81-8e51-f958ea0da14a

ISSUED DECEMBER 2020

PYTHON GUI PROGRAMMING USING PYQT5, UDEMY

Credential ID - UC-90288edf-e2fe-4320-832f-e9a615be7398

ISSUED NOVEMBER 2020

AUTOMATE THE BORING STUFF WITH PYTHON, UDEMY

Credential ID - UC-cd69492a-dd84-474f-8b01-9b38f3288004

ISSUED OCTOBER 2020

2020 COMPLETE PYTHON BOOTCAMP, UDEMY

Credential ID - UC-256756cb-646c-4b0f-8839-272bc92b0690

ISSUED JUNE 2020

BEGINNING C++ PROGRAMMING – FROM BEGINNER TO BEYOND, UDEMY

Credential ID - UC-fc913584-ea30-4897-9834-c152b8ba26c4

ISSUED MAY 2020

C++ TUTORIAL FOR COMPLETE BEGINNERS, UDEMY

Credential ID - UC-71d2bb7c-1bcf-4af2-b2a9-4a187348b84e