Divine Eboigbe

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SUMMARY

Skilled Software Engineer with experience in full-stack development, backend development, cloud computing, and database optimization. Now seeking an opportunity to use my knowledge and experience gained to add value to an organisation and work on exciting projects.

SKILLS

C++, Java, Python, C#, JavaScript, Golang, SQL, React, Django, Flask, Vue.js, Node.js, ASP.NET, RESTful APIs, AJAX, Microsoft SQL Server, MySQL, MongoDB, Redis, Visual Studio, Git, Docker, Google Cloud Platform(GCL), Github, Wordpress

WORK EXPERIENCE

Beacon Hospital   **April 2024 - Sep 2024**
Software Engineer Intern   Dublin, Ireland
- Developed an in-house stock management system to track inventory, notify users of low stock, and integrate with Sage for delivery updates, supporting 50+ IT helpdesk staff.
- Optimized the staff onboarding portal by improving database queries, reducing backend request/response time by 45%. This benefited the human resources department by making it faster to add new staff to the system.
- Built a drug prescribing assistant for the pharmaceutical department, accurately calculating dosages for 3,000+ patients based on key health metrics.

Beacon Hospital   **Feb 2023 - Sep 2023**
Software Developer Intern   Dublin, Ireland
- Led the migration of intranet applications and tools across servers, ensuring location consistency and availability. This directly impacted over 1,000+ hospital staff by enhancing system reliability and accessibility.
- Built a digital patient admission form using React and C#, reducing data collection time by 40% and eliminating 10,000+ paper forms annually.
- Developed a medication ordering system, enabling nurses to place orders with the pharmaceutical department, reducing drug administration time by 30% and enhancing overall efficiency.

EDUCATION

Griffith College Dublin   **Sept 2020 - Nov 2024**
Bachelor's of Science, Computer Science
- Coursework: Computer Programming,Object-Oriented Design, Data Structures and Algorithms, Linear Algebra, Software Testing
- Achievements: First-Class Honors(1:1)

PROJECTS

Apex Healthcare — *Python, Django, JavaScript, MySQL*
- Developed a full-stack web application to help patients manage their health effectively.
- Featured an appointment booking system, allowing patients to easily schedule appointments with doctors, and integrated SMTP functionality for email notifications on appointment confirmations and updates.
- Trained and fine-tuned a machine learning model using the Random Forest algorithm to predict potential illnesses based on inputted symptoms.
- Created a doctor's portal that notifies doctors of patient diagnoses and scheduled appointments, improving communication and workflow.

Church Website Revamp — *HTML, CSS, JavaScript, PHP, Stripe API*
- Redesigned and optimized a church website, improving UI/UX and site performance.

- Integrated **Stripe payments API** to facilitate seamless online donations and event payments.
- Implemented a user-friendly donation system, leading to a 20% increase in online contributions.
- Live Website: https://pottershouse.ie/

ApexCloud — *Python, FastAPI, JavaScript, GCP (PaaS)*
- Developed a secure cloud storage platform that enables users to upload, store, and download their files.
- Integrated Google auth for secure and easy user login, allowing only authorized users to access their personal files
- Implemented a file-sharing feature that allows users to securely share files with others, providing the option to set permissions (view, edit, delete)

Heythere — *React, Node.js, WebSocket, MongoDB*
- Developed a real-time chat application using WebSocket for message delivery and React for the front-end.
- Integrated user authentication using JWT and session management to ensure secure user logins and chat history.
- Utilized MongoDB for storing user data, chat history, and room details to ensure data persistence.

ApexEditor — Docker, Monaco, Flask, JavaScript
- Built a web-based IDE that lets users write and run code in multiple languages (C++, Python, Java, etc.).
- Integrated language-specific compilers (e.g., GCC for C++, javac for Java) to enable real-time code execution within the IDE.
- Containerized with Docker to package the app for consistent deployment across different environments.