Divine Eboigbe

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WORK EXPERIENCE

Beacon Hospital   **June 2024 - Sep 2024**
Software Engineer Intern   Dublin, Ireland
- Built 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.
- Developed 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.
- Designed 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   GPA: 3.69
- Coursework: Computer Programming,Object-Oriented Design, Data Structures and Algorithms, Distributed Computing
- 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.

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.

SKILLS

Programming Languages: Java, Python, C#, JavaScript, Golang SQL, TypeScript
Web Development: React, Node.js, ASP.NET, RESTful APIs, AJAX
Databases: Microsoft SQL Server, MySQL, MongoDB, Redis
Tools & Platforms: Visual Studio, Git, Docker, Kubernetes, Azure, Jenkins