

Divine Eboigbe

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SUMMARY

Software Engineer skilled in **Java**, **Python**, and **JavaScript**, with experience building scalable systems, optimizing performance, and designing efficient algorithms. Passionate about solving complex problems, implementing business logic, and developing high-quality software solutions.

SKILLS

Languages: Java, Python, JavaScript, C#

Frameworks & Backend Technologies: Spring Boot, ASP.NET, Django, FastAPI, Node.js

APIs & Web Services: RESTful APIs, WebSocket, Stripe API, Google Cloud APIs

Frontend: React

Databases: PostgreSQL, MySQL, MongoDB

Cloud & Tools: Git, GitHub, Docker, AWS (EC2, S3), GCP (Google Cloud Platform)

Security & Authentication: Spring Security, JWT Authentication

WORK EXPERIENCE

Beacon Hospital

April 2024 - Jan 2025

Software Engineer Intern

Dublin, Ireland

- Designed and deployed **RESTful APIs** using **Java Spring Boot**, enabling seamless integration with hospital systems.
- Implemented **Spring Security** for **authentication** and **role-based access control**, enhancing application security.
- Deployed applications on **AWS EC2** and used **AWS S3** for storing photos and videos in the applications.
- Developed an in-house **stock management system** using **React**, **C# (ASP.NET)** and **PostgreSQL**, tracking inventory, sending low-stock alerts, and integrating with Sage, improving efficiency for 50+ IT staff.
- Optimized **MySQL** queries, reducing backend **request/response** time by **45%**, enabling faster HR onboarding.
- Developed an in-house **drug prescribing assistant**, automating dosage calculations for **3,000+ patients** and enhancing pharmaceutical operations.
- Collaborated with multiple departments to gather **software requirements** and implement tailored **software solutions**.

Beacon Hospital

Feb 2023 - Sep 2023

Software Engineer Intern

Dublin, Ireland

- Built a **digital patient admission form** using **React** and **ASP.NET**, reducing data collection time by **40%** meeting the hospital's goal of eliminating **10,000+ paper forms annually**.
- Developed a **medication ordering system**, simplifying the nurse-to-pharmacy requests and reducing drug administration time by **30%**.
- Led the migration of hospital intranet applications across servers, improving system availability for **1,000+ staff**.
- Conducted software testing and debugging to ensure application reliability and functionality.

EDUCATION

Griffith College Dublin

Sept 2020 - Nov 2024

Bachelor of Science in Computer Science – **First-Class Honours (1:1)**

- Relevant Coursework: **Data Structures & Algorithms**, **Object-Oriented Design**, **Software Testing**, **Linear Algebra**, **Computer Programming**
- Achievement: Graduated with First-Class Honours (1:1), ranking in the top percentile of the program

PROJECTS

Apex Healthcare (Python, Django, JavaScript, MySQL)

- Built a **full-stack healthcare platform**, enabling patients to manage their health and book appointments online.
- Developed an **automated appointment system**, reducing scheduling conflicts and improving efficiency.
- Integrated a **machine learning model (Random Forest)** to predict potential illnesses based on symptoms, increasing diagnostic accuracy.

- Designed a doctor's portal, providing real-time patient diagnostics and streamlined appointment management.

Church Website Revamp (HTML, CSS, JavaScript, PHP, Stripe API)

- Redesigned and optimized the church website, improving **user experience and page load times by 30%**.
- Integrated Stripe **API**, enabling seamless online donations and event payments, leading to a **45%** increase in online contributions.
- Built a user-friendly donation system, improving engagement and accessibility for **100+ active users**
- Live Website: pottershouse.ie

ApexCloud (Python, FastAPI, JavaScript, GCP (PaaS))

- Engineered a secure **cloud** storage platform, enabling users to upload, store, and retrieve files seamlessly.
- Integrated Google **Authentication**, ensuring secure, hassle-free logins, restricting access to authorized users only.
- Implemented a **role-based** file-sharing system, allowing users to set granular permissions (view, edit, delete), enhancing data security and collaboration.

Heythere (React, Node.js, WebSocket, MongoDB)

- Built a **real-time** chat application using **WebSockets**, enabling instant, low-latency messaging.
- Integrated **JWT authentication** and **session management**, ensuring secure user logins and persistent chat history.
- Designed an **optimized MongoDB** storage system, ensuring efficient data persistence for user accounts, chat history, and room details, improving query speed and scalability.

ApexEditor (Python, Docker, Monaco, Flask, JavaScript)

- Developed a **web-based IDE**, enabling users to write, execute, and debug code in multiple languages (C++, Python, Java, etc.) within a browser.
- Integrated real-time code execution with language-specific compilers (GCC for C++, javac for Java), reducing execution time and enhancing usability.
- **Containerized** with **Docker**, ensuring consistent, scalable **deployment** across different environments with minimal configuration.

LINKS

GitHub: <https://github.com/ApexPlayground>

Website: <https://apexplayground.netlify.app/>