

MARC VILLAREAL

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EDUCATION

Queen's University Belfast

BEng (Hons) Software Engineering with Year in Industry

Belfast, Northern Ireland

Sept 2020 – June 2024

Notable Modules: Procedural Programming (**74**) Data Structures Algorithms (**65**), Software Engineering and Systems Development (**63**), Fundamental of Maths for Computing (**63**), Databases (**61**)

St Mary's Christian Brothers' Grammar School & Hazelwood College, Belfast

Advanced Level, Advanced Subsidiary Level, GCSE

Belfast, Northern Ireland

Aug 2013 – June 2020

- A-level: Score: **AAB** in CCEA Digital Technology, CCEA Moving Image Arts, BTEC Sports.
- GCSE: 9 GCSE's **A-C** (including Mathematics' and English)

EXPERIENCE

Civica

Placement Software Engineer

Sept 2022 – Sept 2023

- Worked on remediating accessibility for NI Direct **GeNI** and **GRO** portals to GDS (GOV.UK Design System) standards and guidelines.
- Assisted in design and development of **DHI** (Digital Health Identity) system.
- Collaborated in a team to rapidly deliver **COVID Certification Service** which allowed Northern Irish citizens to travel abroad during the COVID pandemic by allowing them access to proof of Vaccination and/or Recovery.

Capita

IT Service Desk Analyst

July 2022 - Aug 2022

- Responded to incoming telephone calls, emails, and logging incidents from **C2K** schools around Northern Ireland.
- Provided **software** and **hardware** support, resolving problems and issues.
- Performed system installations and updates to **prevent service interruptions**.

Kamakura Sushi & Ramen

Waiter/Barista

Aug 2020 - Mar 2022

- Taken customers' orders for food and drink by writing on a ticket, **entering a tablet, or memorizing**.
- **Met with managers** and wait staff daily or regularly to learn about menu changes and specials as well as discuss upcoming reservations and customers with special needs.

NOTABLE PROJECTS

COVID Certification Service – HSCNI

Oct 2022 - Nov 2022

- Assisted in the development of **CCS** with a team of 6 to which allowed Northern Irish citizens to travel abroad during the COVID pandemic by allowing them access to proof of Vaccination and/or Recovery.
- Comprised a GOV.UK Design System (**GDS**) styled **Nitro** citizen portal, **Azure Functions API**, **SQL** server and **Cosmos DB** data storage, Nitro Employee portal.

Personal Website – Personal Project

Aug 2023 – Sept 2022

- Developed a personal portfolio website with smooth scrolling links to different sections, react horizontal timeline to show my experience and lightbox galleries for photos.
- Created using **React.js**, **Bootstrap**, **HTML/CSS** and **Email.js** integration to contact me directly through email.

Insurify Insurance Year in Review – Final Year Project

Sept 2023 – Apr 2024

- Designed and developed an Insurance Year in Review website with a team of 4 using **GO**, **MongoDB**, **JWT**, **React.js**, and **TailwindCSS**, deployed with **Docker**, **Rancher** and **GCP** through a **GitLab CI/CD Pipeline**, resulting in an innovative approach to transform the traditional protection review into a digital, non-linear, and unscripted experience. By presenting complex information in an easy-to-understand format, we strived to engage customers in a meaningful way.

SKILLS AND INTERESTS

- **Languages and Technologies** - Proficient with C#, .NET Core, Git, JavaScript, ReactJS, TailwindCSS, MongoDB, Python and Java. Familiar with Golang, NPM, C++, Azure, Dockers, Kubernetes, Rancher, GCP, MySQL. Discord, Microsoft Teams, vsCode, Visual Studio, GitHub, GitLab.
- **Hobbies & Extracurricular** – Filmmaking, guitarist, and active powerlifter. Queen's Filipino Society Treasurer - Maintained and handled financial health of the society for 2 years. Queen's Esports – Game Team Captain and NSE All Star Regional's Winner 2022. Took part in Hackathons by Nigma & HKD. (More Information on Website)