

Mr. Samuel Carnell

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Profile

Full Stack Developer with a proven track record of building interactive, scalable, user focused web apps in fast paced agile environments. Experienced with Typescript, JavaScript, React, C# (.NET Core) and PHP (Laravel) and have a working knowledge of several technologies, including MySQL, MongoDB, Elastic Search, Docker and AWS.

Work experience

10/2023 – present

Remote

Mid Level Developer

Ummanu

- Successfully migrated the legacy Phone Appointment Booking system from Java to C# using a WebRTC SDK library.

09/2020 – 10/2023

Remote

Mid-Level Developer

Eva Health Technologies

- Designed and implemented a cloud-based point-of-care solution for administering Covid-19 and Flu Vaccination using Figma, Typescript React and Clojure.
- Mentored and trained junior software engineers on best practices for software quality.
- Worked in bi-weekly sprints using Jira for task management, presenting newly added features to the stakeholders at the end of each sprint.

06/2018 – 08/2020

Plymouth

Junior Developer

Microtest Ltd.

- Collaborated in the successful migration of the organization's primary product to the cloud, leveraging docker containers, OAuth2, and a custom portability layer for seamless integration with legacy C++ APIs.
- Assisted other junior developers in writing well-structured, robust code in C# and PHP.
- Designed and implemented JSON, XML, and SOAP APIs using C# and Entity Framework, delivering efficient data exchange with a MySQL database.
- Maintained and enhanced C++ Qt 3.3 codebase for the organization's flagship product, ensuring its optimal performance and functionality.

12/2016 – 05/2018

Plymouth

Full Stack PHP Developer

The Range

- Developed an android application with Java for warehouses to manage returned orders.
- Provided ongoing in-house technical support to other areas of the business.
- Collaborated in the development and optimization of PHP code for the organization's e-commerce website.

Personal Projects

Task Management App (Prototype)

Built a prototype Project Workflow Application, akin to Trello and Asana, with C#, React, Kubernetes, Mongo DB and Pulumi. Planned features include

- Fully real time with offline first
- Collaborative rich text editing
- Fully customizable workflows

React with RxJS (NPM Library)

A NPM package for seamlessly integrating RXJS Observable with React components. Combining the benefits of using React component libraries with the asynchronous reactivity based code of RxJs.