



# Mark Sarpong

Experienced Web Engineer

- Oxford, UK
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## Skills

Leadership

Communication

TypeScript

React

Tailwind-css

Webpack

React-query

Git

Vite

## Interests

Front-end technologies

Tailwind, MUI, VITE, React, Shadcn

Full-stack development

Next.JS, MERN, NODE

Deployment

AWS, Github

Operating systems

MacOS, Linux

Hobbies

Football, Cycling

## Languages

English

## Bio

I'm a web engineer with over seven years professional experience, specialised in building user interfaces and interactions. Highly skilled in technologies such as Typescript, CSS, React, Tailwind. Pride myself on having effective communication, leadership and collaborative skills in working with others to achieve a common goal.

## Experience

Sihealth Ltd

October 2023 - Present

Senior Software Engineer

Appointed as a senior software engineer. Role involves planning, architecting and organising teams across multiple areas of expertise such as devOps, backend, frontend, RnD and design to collaborate and deliver software solutions. In addition, direct communications with our CT0 and CEO on making day to day business decisions and plans for the future of the company. Being the sole frontend web engineer in our company, my primary role is developing and maintaining all new and existing web frontend interfaces for all our software solutions.

Sihealth Ltd

2022-11-11 - 2023-10-30

Senior Frontend Engineer

Promoted to a Senior developer role. Responsible for building and maintaining all our frontend health care web applications. Tutoring and mentoring all our junior web developers. Closely working with our backend team to help architect and define api's for seamless integrations.

Sihealth Ltd

2020-03-09 - 2022-11-24

Frontend Web Engineer

Solely responsible for building user interfaces for a complex health web application. This involved turning intricate designs flows into usable software. Worked along side a talented backend team to integrate their api's with the frontend. Web tools used involves: React, TypeScript, Node.js, Tailwind, React-query, etc.

Univers Labs

2020-01-17 - 2020-03-10

Software Engineer - contract

Hired to help speed up development work for various clients. Mainly involved in building the frontend side part of various websites.

Oxford University Press

2017-07-20 - 2020-01-15

Developer

Employed to join a highly skilled development team to convert a popular secondary school software application (MyMaths) from an old technology platform to a newly updated platform with modern web technologies. Old tech stack used involved; Flash, XML, ActionScript, Ruby on Rails. Used modern tools such React.JS, Node.js, Sass, python to fully re-write the platform.

## Projects

ExpoDose portal

November 2024 - present

Sun dosimeter solution designed for real-world photobiological studies.

<https://portal.sih-preview.expodose.com/login/>

React, Vite, shadcn-ui, react-query, Typescript, Tailwind-css

Sun4Health portal

March 2024 - September 2024

Web portal to access precise data about your patients sunlight exposures and understand their lifestyle and activities.

<https://portal.sih-preview.sun4health.com/login>

material ui, react, typescript, vite, scoped-css

SmartPDT Portal

March 2020 - June 2022

Health care application for monitoring and treating Actinic keratosis

<https://www.sihealth.co.uk/our-solutions/smartpdt/>

react, typescript, react-query, tailwind

MyMaths

July 2018 - January 2020

Maths application widely used by secondary schools to assisting teachers and students in learning maths

<https://www.mymaths.co.uk/>

React, Javascript, Redux, browser-stack, ActionScript, Flash