

# Hamza Carew

## Software Engineer



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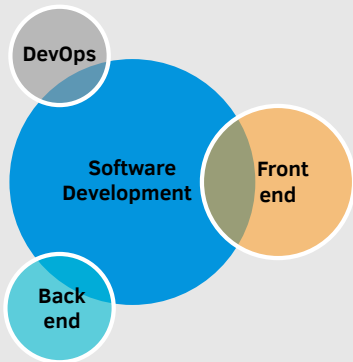
/in/hamza-carew



6ixBit

## Technical Skills

### Overview



### Programming

Python



AWS



JavaScript



Docker



React



## Education

### BSc. Computer Science

Grade: First class honors (1:1)

University of Greenwich (2017 - 2020)

London, United Kingdom.

## Experience

2021 -

### Software Engineer @BenefitFocus

- Worked on a UX team on the platform side and was personally responsible for developing user interfaces using React in Typescript for external clients and internal associates
- Regularly used tools like Webpack, Storybook, Material-UI, GraphQL, Jest, Nexus and SWC for active development throughout my time on the platform and product teams.
- Developed multiple libraries that utilised the JavaScript ecosystem, these ranged from Yeoman generators and a Design system for our associates, to image processing libraries that handled media being used internally and externally and then finally our own version of react-scripts that I developed to host all our infrastructure configuration in order to reduce the bloat in our repositories and make it easier to change out our build tools easily.
- Leveraged AWS S3, Cloud front and Lambda to host our bundled JS libraries, serve cached versions of it and then have jobs executed based on interactions with those libraries.
- Was involved with the planning, research, development and completion of multiple projects leveraging common agile methodologies sprint to sprint
- Integrated end to end testing for application workflows leveraging Cypress

2020 - 2021

### Software Engineer @Combine AI

- Focused on developing and fixing products with exposure to the entire stack. Hands-on usage with Vue.JS, Javascript, SASS, Docker and PostgreSQL.
- Implemented multiple features and applied bug fixes across the UI of a production application which offered users a pleasant responsive experience.
- Developed UI templates from mock-up wire frames which ended up being delivered to production.
- Collaborated with the dev team to research and design the high level architecture of a video meeting transcription application.
- Completed tasks assigned to me within sprint timelines whilst leveraging agile methodologies.

## Projects

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### xStat

**A data visualization platform to view and compare the statistics of football players from Europe's Top 5 leagues.**

- Services containerized with Docker-compose and deployed to AWS.
- Micro-services built with synchronous architecture.
- Endpoint responses were formatted with Pandas data analysis library.
- Football data is visualized on front end service with radar and scatter charts.
- Vue.js router, state management and async requests implemented

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### FoxDos

**A denial of service CLI tool that uses threads (go routines) from a worker pool to open a plethora of TCP connections to a given host/IP address, built for educational purposes.**

- Developed using GoLang for speed and built-in concurrency.
- Uses multiple channels to communicate and track state of workers threads.