





# Hamza Carew


Software Engineer

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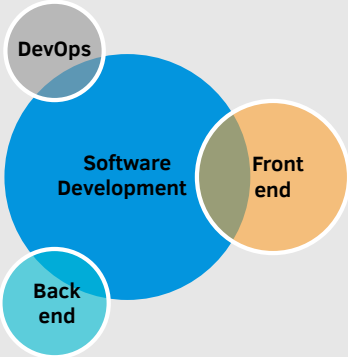
 hamzacarew@gmail.com

 /in/hamza-carew

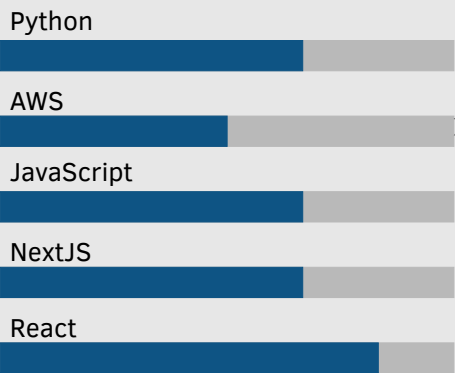
 6ixBit

## Technical Skills

### Overview



### Programming



## Education

**BSc. Computer Science**  
Grade: First class honors (1:1)  
University of Greenwich (2017 - 2020)  
London, United Kingdom.

## Experience

2021 -

### Software Engineer @BenefitFocus

- Developed user interfaces using React in TypeScript for both external clients and internal associates.
- Utilized a wide range of industry-standard tools including Webpack, Storybook, Material-UI, GraphQL, Jest, Nexus, and SWC during development.
- Contributed to the creation of core infra libraries, such as Yeoman generators, a design system, and image processing tools, streamlining development processes and improving developer experience.
- Created a custom version of react-scripts, simplifying infrastructure configuration management and reducing repository complexity for repositories we generated.
- Architected and implemented performant APIs in Node.js to facilitate the seamless migration of legacy components.
- Established a reusable Node.js server template for use with Yeoman generators, enabling rapid API development with built-in configurations (Husky, Jenkins, Prettier).
- Leveraged AWS services, including S3, CloudFront, and Lambda, to host and efficiently distribute JavaScript libraries.
- Actively participated in the planning, research, development, and successful completion of multiple projects following Agile methodologies, ensuring project milestones were met.
- Implemented end-to-end testing for application workflows using Cypress, enhancing product reliability and user satisfaction.

2020

### 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.

## Projects

-

### PromptArena <- Click to visit

- An AI prompting platform that allows users to iterate, test and design prompts for LLMs like GPT-4.**
- Written using NextJs, leveraging ShadCn and RadixUI for components.
  - Results from the LLM are streamed to the user in real time.
  - Leverage Zustand for state management and Redis for storage
  - User authentication via Github.
  - Dark and light theme