


CHARLOTTE HODGKINSON

SOFTWARE ENGINEER


CONTACT

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EDUCATION

Software Development Foundation Degree (*First-Class Honors*)

Ada. National College for Digital Skills
London | 2019 - 2021

Software Developer Level 4 Apprenticeship

British Computer Society
London | 2019 - 2021

Computer Science Level 3 BTEC (*distinction*)

Tresham College
Kettering, Northamptonshire | 2018 - 2019

SKILLS

- Typescript, Javascript
- Node, Yarn, NPM, NX
- AWS, Serverless Framework
- Terraform by Hashicorp (IAC)
- React, Emotion, Storybook
- Agile, DevOps, Kanban
- Cypress, Jest, Cucumber

INTERESTS

Crocheting, painting, sewing, house plants,
films and tv, music, crafting

PROFILE

Passionate and creative full-stack Software Developer with 5+ years of industry experience. Proficient in TypeScript, JavaScript, React, AWS, Docker, and GitLab CI/CD. Experience working in both a large multinational FTSE 100 company as well as a small dynamic business, excelling in both independent projects and collaborative team environments.

EXPERIENCE

FULL STACK SOFTWARE ENGINEER

Wealth Wizards | Leamington Spa (remote) | 2022 - PRESENT

Developed SaaS applications using a micro-frontend architecture with a mobile-first approach, ensuring compliance with WCAG AA accessibility standards. Built and maintained applications that deliver automated financial advice to consumers and enhance the efficiency of financial advisers in a highly regulated financial environment. Designed and implemented sophisticated APIs for complex mathematical operations, leveraging advanced functional programming concepts.

- Built 10+ different SAAS applications using AWS, Typescript and React with a focus on mobile first design.
- Lead the development of a Pension Contributions Tool which is live with 3 clients and has had over 8000 unique users.
- Supported the development of a Pension Guidance Tool which in 6 months had over 65 pot consolidations with £1,354,190.62 transferred
- Integrated applications into the live websites of several different clients with authentication using AWS Cognito, and provided ongoing maintenance and support.
- Developed in a monorepo environment using NX with over 30 different apps and libraries using GitLab CI/CD pipelines for automated testing and deployment.
- Collaborated in building a design system using emotion, storybook and chromatic with atomic components and customisable themes for each client.

SOFTWARE DEVELOPER

RS COMPONENTS | CORBY | 2019 - 2022

Initially working in the API team, developing microservices for product data transactions, before transitioning to the DevOps team. Supporting Engineering teams in implementing security best practices and provided tools to enhance CI/CD processes, ensuring efficient and secure deployments.

- Designed and built scalable, serverless APIs to facilitate the migration of master product data to the cloud.
- Assisted in migrating services from a legacy monolith to a serverless cloud architecture.
- Developed and maintained GitLab CI/CD pipeline templates and provided technical guidance and support to teams in integrating and optimizing CI/CD workflows.