

Software Engineer based in London. [LinkedIn](#) / [GitHub](#)

## Skills

Web Development   Test-Driven Development   Object-Oriented Programming   Agile Methodologies   UX Research   DevOps

## Education

**Electrical and Electronics Engineering Master's Degree** @ City University, London; Grade achieved (2.1) (2013 – 2018)

*Key modules: Embedded Systems, Object-Oriented Programming, Final year group project (Formula Student Electrical Lead)*

## Projects

[Loan Shield](#) Personal Project

*An API endpoint that validates loan applications based on specified criteria and returns approval or rejection responses to users.*

- Demonstrated proficiency in building a RESTful API with SOLID principles and implemented software practices such as Test-Driven Development (TDD). Presented the project to a mentor at Codurance, received positive feedback and insight into creating real-world solutions.

**Technologies used:** Node.js   Express.js   Pug   Jest   Supertest

[Rock Paper Scissors](#) Digital Futures Academy

*A web-based Rock, Paper, Scissors game hosted on a local server to demonstrate understanding of web development and the Model-View-Controller (MVC) pattern.*

- Successfully implemented user interactions, including user registration, game choices, and displaying game results. Conducted feature and unit tests using Cypress and Jasmine frameworks. Gained practical experience in developing interactive web applications.

**Technologies used:** Node.js   Express.js   EJS   Jasmine   Bootstrap

## Work Experience

**Software Craftsperson** @ [Codurance](#) (May 2022 – Current)

*A global software consultancy that helps businesses build better sustainable tech capabilities to support growth.*

- Led requirements gathering and planning phases for an internal project aimed at developing a team allocation tool, ensuring successful progression of the project.
- Developed and deployed a key insights page on the company website using HubSpot CMS, significantly optimising brand visibility and online presence by 43%.
- Completed an intensive Academy program immersed in a wide range of best software practices, including Test-Driven Development (TDD), Domain-Driven Design (DDD), and cloud engineering with AWS. Proactively applied the acquired knowledge to develop and present crucial frontend components as a key contributor to a final group project, leading to the successful delivery and recognition of our project within the organization.

**Technologies used:** React   TypeScript   AWS   Java   HubSpot   Jest   Git

**Junior Software Engineer** @ [Digital Futures](#) (March 2021 – Dec 2021)

*A technology services and training company, established to provide talent and improve diversity within the tech sector.*

- Developed front-end UI components, including a form component, for an internal client-facing web app. Leveraged React TypeScript, GraphQL for API calls, Storybook for component documentation and Cypress for end-to-end testing. Resulted in improved user experience, streamlined employee data input and improved data integrity of employees.
- Completed Oracle Programmer Java Certification (June 2021 - September 2021)
- Completed Modern Software Engineering Academy, where I gained hands-on experience building web apps using TDD and working in an agile environment with a focus on clean code. (March 2021 - June 2021)

**Technologies used:** JavaScript   Node.js   React   TypeScript   GraphQL   Jest   PostgreSQL   Cypress   Storybook   Java   Git

**Services Advisor** @ [Microsoft](#) (May 2019 – August 2020)

*The Microsoft Flagship Store in London, a hub of the latest Microsoft products.*

- Provided technical support for Microsoft and third-party software and hardware products for over 150 customers, ensuring optimal customer experience.
- Facilitated efficient setup processes, prioritising compliance with Microsoft 365 licences.
- Leveraged Microsoft Dynamics CRM and Power BI apps to collect and store valuable client data for future analysis.

**Technologies used:** Windows   Microsoft 365   Power BI

## Interests

Alongside my interests in software engineering:

- Have a passion for baking and experimenting with different recipes.
- Enjoy maintaining an active lifestyle through swimming and pilates.
- Love a good afrobeats concert, favourites include Rema and Burna Boy.