

## Charlie Lynch - Curriculum Vitae

**Email:** [cl@charlielynch.co.uk](mailto:cl@charlielynch.co.uk)

**LinkedIn:** [linkedin.com/in/charlie-lynch/](https://www.linkedin.com/in/charlie-lynch/)

**Phone:** 07739525546

**Website:** [charlielynch.co.uk](http://charlielynch.co.uk)

### Summary

I am a full-stack software developer specialising in web applications. I excel in:

- Contributing to the successful design of products by identifying potential pitfalls and providing actionable feedback on designs and business specifications.
- Technical implementation of robust, scalable solutions.
- Collaborating effectively with teams and quickly adapting to new technologies.

Recently, I completed a Master's in Computer Science alongside my work to broaden my expertise and address any gaps in my knowledge.

### Experience

#### District Councillor, West Suffolk (May 2023 – Present)

- Serving as the youngest district councillor in the area, on both the Licensing Committee and Development Control Committee.
- Increased presentation skills, communicating information to diverse, and potentially emotionally charged stakeholders.
- Demonstrated accountability and decision-making in matters directly impacting the community.
- Enhanced my organisational and collaborative skills through managing public service responsibilities.

My motivation to do this was to participate in some sort of public service / voluntary at some point in my life.

#### Full-Stack Software Developer, Psyomics (August 2022 – Present)

- Reduced CI/CD deploy times by 50%, increasing development efficiency.
- Designed and implemented the main API at transition of the company from a pre-revenue POC to a revenue-generating business.
- Acted as a technical expert when collaborating with BCGX in designing a children's digital mental health product.
- Developed and validated clinical data for evaluation reports to submit for auditing, and am SME on the implementation of diagnostic algorithms for 15 mental health conditions based on the DSM-5.
- Integrated NHS Login (OIDC) and SAML authentication for patient and NHS trust system access.

- Led AWS infrastructure upgrades and PostgreSQL schema design, ensuring scalability and efficiency.
- Working within a highly regulated medical device environment.
- Provided front-end development best practices and guidance (React, TypeScript). For example, performed a migration from Create-React-App to Vite reducing our local development frontend spin up time from over 30 seconds to less than 2 seconds.

### **Morta (Apr 2020 - Nov 2020) - Full-Stack Developer**

I worked as the first employee at this startup, a company that provides a web application for managing the intricacies of large civil-engineering projects and the many contractors involved. Stack React/TypeScript, and Flask on Python, Postgres.

### **Green Custard (Nov 2018 - Nov 2019) - Full-Stack Consultant**

Green Custard is a consultancy that creates bespoke mvp style web applications. I worked on apps for HSBC, JLL, Joint Analytics, and Verizon. My time here involved a lot of Typescript, React, and Vue. The company is a close partner with AWS, making use of a lot of its services.

### **The Lettings Hub (Nov 2016 - Apr 2018) - Software Developer**

At The Lettings Hub I worked on an insurance platform that managed landlords property insurance, and this was integrated into the onsite call centre. Used a LAMP stack.

### **Freelance Developer (various times)**

Provided development services on a freelance basis while traveling, delivering tailored solutions to meet client needs.

## **Education**

- **University of Keele - Computer Science MSc - Distinction (2023)**
  - For my thesis, rather than do an off the shelf assignment given by the department I selected to do it on the subject of the use of machine learning to improve the accuracy of the mental health diagnostic algorithms Psyomics uses, selecting to evaluate using the evolutionary particle swarm algorithm.
- **University of Bath - Natural Sciences MSc (2014 - 2016) (Uncompleted)**
- **A Levels - A\*A\*A/A - Maths, Bio, Chem, Phys (Achieved 2014)**
- **AWS Solutions Architect - Associate (2019)**

## **References**

Available on request. You can also view some previous recommendations on my linkedin at: <https://www.linkedin.com/in/charlie-lynch>