# Daniel Slattery *Software Engineer*

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## Skills

Javascript | Typescript | Git | CSS | React | NextJS | React Native | Styled-Components | Redux

Zustand | SocketIO | Three.js | Express | MongoDB | Mongoose | GraphQL | PostgreSQL | Sequelize

Jest | React-Testing-Library | Cypress | NodeJs | Docker | AWS | GCP | Data structures | Figma

## Experience

**Software Engineer,** *Sainsburys*      11/2022 – present | London, Remote

Front-End Developer, Customer Contact UI Team, Sainsbury's Group (incl. Argos, Tu Clothing, & Habitat). Leverage expertise in front-end Software development frameworks to craft intuitive customer interfaces, enhancing digital engagement and support across multiple brand platforms.

**Software Engineer,** *Intelligence Fusion*      10/2021 – 11/2022 | Durham, Remote

- Intelligence Agency that provides software solutions for notifying and tracking global events/threats.
- Worked on front-end team in an Agile environment with daily scrums and bi-weekly planning meetings and retrospectives
- Writing React components in Typescript and CSS via styled-components.
- Managing Application state using React Context and Redux.
- Built out new sections of App with CRUD functionality consuming REST API's.
- Refactoring of legacy code.

**Full Stack Developer,** *Safe Space*      2021 | London

- React web platform built with Three.js and TypeScript, where users can meet in a 3D virtual environment and interact via WebRTC video calls which connect when users are within close proximity of each other.
- Worked in a team of three developers applying agile principles.
- Implemented avatar proximity algorithms that controlled when user video feeds connected.
- Designed aspects of the 3D virtual environment using 3D modelling software blender.
- Integrated WebRTC functionality on front end of application.

**Proprietary Trader,** *FTMO*      2018 – 2021 | Remote

- Managed multiple six figure accounts.
- Coded systems and algorithims in EasyLanguage/PowerLanguage.
- Designed low-frequency statistical arbitrage strategies using a quantitative approach.
- Statistical analysis techniques including back-testing, parameter optimization, out-of-sample testing, Monte-Carlo simulations and walk-forward analysis.

**R&D Engineer,** *Vivasure Medical*      2017 – 2018 | Galway

- Utilized 3-D modelling software PTC Creo to create product drawings, models and assemblies.
- Implement and test product design improvements.
- Prepared statistical data analysis and authored technical reports.
- Named as a contributor on a product patent.

## Education

**Software Engineering Immersive,** *Codeworks*      2021

**CS50 Intro to Computer Science,** *Edx in partnership with Harvard*      2020

**BEng in Biomedical Engineering,** *University of Limerick*      2006 – 2010