MELISSA JACK

mel.jack.developer@gmail.com | Phone: 07778211318 | Birmingham, West Midlands, UK, B29 6QZ
LinkedIn: https://www.linkedin.com/in/mel-jack/ | GitHub: https://github.com/meljack1/
Portfolio: https://meljack1.github.io/professional-portfolio/

Front-end Web Developer with a strong collaborative work ethic and past experience in secondary school teaching and scientific research. First degree in Chemistry, with a certificate in Web Development from the University of Birmingham's Full-Stack Bootcamp, with experience in HTML5, CSS3, JavaScript, React, Node.js, MongoDB, Git and Command Line. Pragmatic, quick learner and devoted problem solver with strong communication skills and an adaptable, logical mindset.

TECHNICAL SKILLS

LANGUAGES: HTML5, CSS3, JavaScript ES5 & ES6
TOOLS & APPLICATIONS: GitHub, Node.js, React.js, jQuery, Bootstrap, UIKit, Material UI, MySQL, Sequelize, Mongoose, MongoDB, IndexedDB, Express.js, Apollo Server, GraphQL

PROJECTS

CodeShare: https://mdmcodeshare.herokuapp.com/ | https://github.com/meljack1/code-sharers
- Summary: Forum to share useful and interesting snippets of code with other developers
- Role: Front-end UI, GraphQL schema & resolvers, Mongoose models,
- Tools: React.js, Node.js, Mongoose, GraphQL, Apollo Server, Express.js, Material UI

GeoJobs: https://github.com/LewisChatham/GeoJobs | https://lewischatham.github.io/GeoJobs/
- Summary: Job-search application showing search radius on a map
- Role: Developed search/filter functionality and map radius functionality
- Tools: HTML5, CSS3, JavaScript, UIKit, HERE Maps & Adzuna API

2DoCamp:
https://github.com/meljack1/2DoCamp | https://to-do-camp.herokuapp.com/
- Summary: Full-stack to-do list app aimed at coding self-studiers and bootcamp students
- Role: Created database & server, authentication and developed to-do list functionality
- Tools: HTML5, CSS3, JavaScript, Node.js, Express.js, Handlebars, MySQL, Sequelize

EXPERIENCE

Dame Elizabeth Cadbury School | Teacher of Secondary Chemistry | Birmingham, UK | **2020 - 2021**
- Taught classes of 30+ students across 3 key stages, and all 3 sciences from KS3 to GCSE
- More than 90% of pupils on-track for or above their target predicted grades
- Congratulated for best practice in online teaching, with excellent engagement from pupils

Pfizer | Analytical Chemist | Sandwich, UK | **2017 - 2018**
- Successfully led an independent research project into a problem faced by Analytical R&D, presenting and teaching the method created to the team for future use
- Effectively balanced research project with supporting team in quality testing 5 breakthrough drugs and completing university coursework to a high 2:1 standard

EDUCATION

Certificate, Full Stack Web Development - University of Birmingham (2021)
PGCE, Secondary Chemistry - Titan Partnership Ltd. (2019 - 2020)
Chemistry with Industrial Experience (MSci) - University of Birmingham (2015 - 2019)