



# TROY ONG

## FULL-STACK DEVELOPER

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CSS 3

HTML 5

BOOTSTRAP 4

JAVASCRIPT (ES6)

NODE / EXPRESS JS

REACT / REDUX

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0773 7240 210  
danieltroy092@gmail.com  
danieltroy.co.uk  
github.com/danieltroy092



## PROFILE

I'm a proactive and goal-driven tech enthusiast; who's passionate about implementing creative solutions for the digital world. Looking for growth opportunities to try new technologies and expand my technical skill set in a positive team-based atmosphere.

## EDUCATION

### University of West England

Computer Science [2015 – 2019]

*My core modules were:-*

- Design & Analysis of Data Structures & Algorithms
- Requirements Engineering
- Enterprise Systems Development
- Ethical and Professional Issues in Computing & Digital Media

### Coleg Gwent

BTEC Extended Diploma in IT - Level 3  
[2011 – 2013]

## SOFT SKILLS

Communication | Eagerness to Learn  
Adaptability | Decision making  
Organised | Time management  
Ability To Work Well Under Pressure

## PERSONAL PROJECTS

### Forkify (<http://tiny.cc/forkify>)

A recipe web app designed using vanilla JS. It fetches data from an external API and manipulates the DOM elements to output results onto an HTML page. Relies on both Event Handling and use of Objects; As users can change the measurements of each ingredient by dynamically specifying the number of servings needed.

### Pentagon (<http://tiny.cc/pentagonfs>)

A mockup version of local insurance broker's landing page built using the Bootstrap 4 framework. It's a responsive application via the use of Bootstrap Grid and Media Queries. It also possesses internationalization features by containing a translation to Welsh toggle button.

**2D Platformer** (<http://tiny.cc/2Dplatformer>) A web application based on the classic 2D platform games of the 90s. It was built using the Phaser 3 framework, enabling me to easily apply animation to sprite images and manipulate input control and game physics via its built-in physics engine.

### Printed Threads (<http://tiny.cc/printedthreads>)

An e-commerce web app built using React/Redux & React-Hooks. It also utilizes Firebase for User Registration, Authentication and Data Persistence along with StripeJS to handle payments through a basic Express backend server.