Karl Swatman

From the moment I produced a simple Simon Says application while working through a Udemy course during early 2021 I knew I was hooked into the world of software development. Development has never been `just a job` for me, it's offered a captivating challenge to continually learn and improve my skills in creating engaging, quality applications. What started as a basic curiosity has become a full-fledged passion that only gets more exciting as the days go by.

Below you'll find projects I've completed that showcase the technologies used and the skills picked up along the way.

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SKILLS

Javascript, HTML5, CSS3, Sass, SQL, Postgresql, express.js, Jest, Typescript

LINKS

[Github](#)

[LinkedIn](#)

[Portfolio](#)

EXPERIENCE

Northcoders, Leeds — *Trainee Full Stack Developer*
Sep 2021 - Dec 2021

The northcoders developer course takes 13 weeks and throughout you learn of best practices for each section. This includes pair programming test driven development and Agile methodologies.

The first three weeks comprise the fundamentals of Javascript and really cements the ideas of callback functions, higher order functions, recursion, OOP programming, test driven development and the general inner workings of javascript but also gives a good standing for venturing into other languages.

Weeks 3-6 are centered around the back end. In this module we used express.js and node.js to create Restful API's. Exposing a wide range of technologies such as axios for the fetching of data, jest for the testing and Postgresql for querying the database. How to hide sensitive information using .env files and how to host API's using Heroku.

Weeks 7-9 are focused on the front end. Here we create the visuals for the back end API's using mainly react with some CSS and HTML.

Weeks 10-12 are the group project phase. Five devs team up to create an application of our choice. Using an array of tech stacks we were given 9 days to produce an application with some kind of functionality.

ASDA, York — *Delivery Driver*
Feb 2021 - Sep 2021

Yorwaste, York — *Administrator*
Apr 2019 - Feb 2021

Earlier experience available if needed.

EDUCATION

Intro to Computing, Remote, Open University — *BTEC*

Sep 2014 - July 2016

PROJECTS

Please visit my [portfolio](#) website for more projects

News API — RESTful API

A RESTful news API that serves data from the Northcoders news database. Built with Express, using Postgres to interact with the PSQL database and Jest for TDD. Deployed through Heroku. Information can be accessed for articles, comments, users and topics using GET, POST, PATCH and DELETE methods via the endpoints detailed in the readme.md.

[Github](#)

[Heroku](#)

News Front-End— REACT

Using React I created a front end for the News API described above. My inspiration for the design was the popular website Reddit. Users are able to post content to certain topics (subreddits) and browse these posts filtered by newest posts, top voted posts and most commented posts. Users can also browse each topic and the posts contained within each topic. The posts can be either upvoted or downvoted as well as commented on, these comments can also be up or downvoted. A User can edit their own comments as well as post new comments.

[Github](#)

[Netlify](#)

Giggle— REACT Native

Giggle was created to aid in the social networking that comes with attending events. The app allows users to group together online and discuss the events they want to attend with similarly interested people.

To use the app, users will need to sign up to the platform. They can then opt to be 'interested' in a particular event. This will give them access to the event social page, where they can join the numerous channels and interact with the other group members.

[Github](#)