

# ADAM BOLTON

## FRONT END ENGINEER

## Summary

Front end engineer with a particular interest in UX/UI. Experience includes web and app development geared mainly towards education where I've enjoyed the capacity to create interactive and responsive applications that allow for a dynamic teaching style in assisting English language students. This has motivated me to push further in web development. Seeking a role where I can contribute to front end development with the goal of providing useful and reliable user experiences.

## Employment

### English Village

English Instructor

2018 to Current

- Creating and publishing original interactive web applications for use in online lessons
- Conducting 1-to-1 classes with students of all ages and backgrounds, and developing apps to suit their specific needs.
- Maintaining and updating applications by adding new features and fixing any bugs that arise.

### Zephus

Foreign Investment Researcher

2015 to 2017

- Supervisory duties involving the teaching of in-house software to new team members
- Provided feedback on team members' work and quality checked historical deal records
- Worked collaboratively and under pressure to meet deadlines and weekly targets

## Projects

### Keep English

A diary-like English note-keeping application where entries are displayed in a collection and can be categorised.

- Leverages the capabilities of the MERN stack (MongoDB, Express, React, Node.js)
- Communicates with a backend REST API by sending HTTP requests to multiple endpoints
- Implements full CRUD functionality, allowing users to create, update and delete their own entries
- Stores data in MongoDB collections and uses Mongoose for database interaction
- Authenticates users during sign up and login using JSON Web Tokens
- Secures user credentials with password hashing and input validation

React, Node/Express, Typescript, MongoDB, Mongoose, Material UI, Render, Git/Github

<https://keep-english.onrender.com/>

### Read the Latest

A news application that displays the latest news stories by country or selected category.

- Connects to a back end built with custom endpoints
- Fetches data from the News API
- Displays data as news articles in a responsive grid layout

React, Node/Express, Material UI, Heroku, Git/Github

<https://easy-gold-squirrel-veil.cyclic.app/>

### Let's Talk About

A conversation application made up of a collection of topics and questions for English conversation practice.

- Features expandable topic cards containing related lists of questions
- Provides filtering of categories via search bar
- Responsive across web and mobile devices

HTML, CSS, JavaScript, Git/Github

<https://thunderbolton.github.io/Conversation-app/>

### Online English School

A multi-page online English school website aimed to resemble a modern language learning platform.

- Implements major features of the React library: hooks, props, conditional rendering
- Utilizes a component-based structure and takes advantage of component reusability
- Facilitates seamless navigation between pages and in-page links via React Router

React, React Router, Git/Github

<https://thunderbolton.github.io/Online-English-School/>

## Education

### University of Derby

BA (Hons) American Studies

2010 to 2014

## Contact

✉ [adam\\_bolton90@hotmail.com](mailto:adam_bolton90@hotmail.com)



<https://thunderbolton.github.io/portfolio/>

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## Skills

HTML

CSS

Git/GitHub

JavaScript

Material UI

ReactJS

NodeJS

Express

SELF-TEACHING

Typescript

MongoDB