

MICHAEL LOWE

mikelowedev@gmail.com

www.mikelowe.xyz

SKILLS

- Languages – Java, Python, JavaScript (ES6), HTML5, CSS3, Sass/SCSS
- Libraries – React, Redux, jQuery, Flask
- Databases – MongoDB, MySQL
- Search engines - Elasticsearch
- Version control - Git
- Operating Systems – Linux, MacOS, Windows
- Tools – IntelliJ IDEA, Eclipse, Android Studio

EXPERIENCE

Jisc

Developer

Manchester

Aug 2016–present

Working across the full-stack on the Historical Texts and Journal Archives platforms.

Responsibilities include:

- Developing a Java framework to process and index over 80 million documents into the Elasticsearch search engine that backs both services. Following a test-driven approach, we were able to make the process of indexing 5x faster than previous solutions.
- Redeveloping the front-end applications which involves porting over code from AngularJS to React.
- Developing tools to process media that is served up to users on the front-end (e.g. thumbnails, zoomable images, EPUBS and plain text files).
- General service maintenance and site updates.

Jisc

Graduate Developer

Manchester

Nov 2014–July 2016

EDUCATION

University of Liverpool

BSc (Hons) Computer Science (1st Class), July 2014

Liverpool

Carmel College

A Level Computing (A), Maths (B) and Psychology (C), Aug 2011

St. Helens

REFERENCES

Available on request.