

# Louis Moselhi

Canada Water, London

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## PERSONAL PROFILE

I am a software engineer with a passion for creating exciting, performant web experiences using cutting-edge tech. Some technologies I enjoy using are React, Typescript, Redux and Machine Learning. Working on the [BBC Sounds](#) website has given me extensive experience in delivering an elegant, feature-rich web app at the scale of millions. My interest in growing the tech community and sharing ideas led me to start the BBC Tech Meetup. I am now looking to broaden my experience further in an innovative company in London using the latest in web technologies.

## PROFESSIONAL EXPERIENCE

### BBC

### Software Engineer - BBC Sounds

*September 2019 – present*

Developing the website of BBC Sounds, a product used by over 3m people weekly. This means writing scalable, well-tested code ensuring performance and accessibility are optimised. I have been closely collaborating with other engineers, testers and product managers to deliver features used by millions of people.

#### Skills:

- React, Redux, Typescript, ES6
- AWS - EC2, Lambda, Cloudwatch, Terraform
- Unit and Integration testing - Jest, Mocha, Sinon, Rewire
- A/B Testing - Optimizely experiment development
- Tooling - Webpack, Babel, ESLint, Prettier
- Teamwork - pairing, working with UX, testers
- Communication - peer review, translating PM requirements to code

### BBC

### Software Engineer - Experimentation

*November 2018 – September 2019*

I worked in Experimentation, leading development and product management of a headline testing app used by BBC News and working with product teams across the BBC providing technical consultation for MVT experiments using Optimizely.

#### Skills:

- Fullstack ES6 Javascript development - Node, Express, Gulp
- TDD Integration and Unit testing - Mocha, Chai, Sinon
- HTML5, Sass, Optimizely
- Deployment - AWS, Jenkins
- Redis data caching
- Pan-BBC Optimizely MVT experimentation and technical implementation
- Leading on Product and Project Management
- Experimentation technical consultation for product teams across BBC

**British Pearl**  
*June – October 2018*

## **Software Engineer**

I worked on the front end team, building features for the investment platform and bringing the new website redesign to life using React/Redux and using Agile principles.

### **Skills:**

- React - with Styled Components, Immutable
- ES6 Javascript
- Semantic HTML5 and modular CSS3
- TDD/BDD - Nightwatch, Jest, Enzyme
- Responsive Web Design
- CI/CD - Jenkins
- Agile - Scrum, daily standups, Kanban, sprints
- Pair programming
- Working directly with UX designer

**Makers Academy**  
*March – June 2018*

## **Full Stack Software Development Student**

Makers Academy is an intensive coding bootcamp where I learned to write high quality code for full stack apps using TDD, while applying Agile practices. XP Values, pair programming and software craftsmanship were also key factors of every project.

### **Skills:**

- Ruby and JavaScript - including Node, Express, Rails, jQuery, Sinatra
- Test-driven development (TDD) - RSpec, Jasmine, Cypress, Capybara
- Agile working and XP values
- Git version control
- HTML5, CSS3, Bootstrap
- Databases - PostgreSQL, MongoDB
- Deployment - Heroku, TravisCI

## **EDUCATION**

**University of Aberdeen**  
*2009 – 2014*

## **MA (Hons) 2:1 Economics - Hispanic Studies**

Including: Economics Dissertation (Awarded 1st grade), Maths and Stats Methods in Economics, Spanish Language. Awarded Student Study Support Grant for research. Erasmus Year Abroad to the Universidad del País Vasco - fluent in Spanish

## **INTERESTS**

### **Podcasts**

Tech industry news and new web dev tech

### **Music Production**

Producing electronic music using Ableton

## **CERTIFICATIONS**

- Optimizely Technical Foundations
- Optimizely Web Foundations