

# DAVID KANANDA

## SOFTWARE DEVELOPER

A passionate and highly motivated Software Developer with solid experience developing and deploying web applications. Possess strong technical skills in JavaScript, HTML, CSS, and libraries/frameworks such as React and React Native, as well as back-end technologies such as NodeJS and MongoDB. Strong desire to create professional work in a challenging environment.

## EXPERIENCE

**Freelance Developer** 2017 - present  
**React Native Developer**

- Developing native mobile applications for clients such as ONEm

**Brand42** Feb 2017 - Nov 2017  
**Full Stack Web Developer**

- Working to deadlines collaborating with designers to deliver award winning web applications for clients such as Alfa Systems, Bloodwise, Veraison Education and Brand42
- Front-end development using JavaScript, HTML and CSS/SASS including libraries such as jQuery
- Back-end development using NodeJS, MongoDB and MySQL

**University of Greenwich** Oct 2012 - Jan 2017  
**Software Developer**

- Developing single page training environments using HTML, CSS and JavaScript as well as libraries/frameworks such as Angular2, rxJS and React
- Developing back-end data driven applications using NodeJS, MongoDB and MySQL
- Containerise and deploy web servers using Docker
- Deploying and prototyping on cloud computing platforms e.g. Digital Ocean

## EDUCATION

**Bachelor of Science degree in Computing** 2012  
**University of Greenwich**

First Class Honours

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## SKILLS

JavaScript	● ● ● ● ●
HTML5	● ● ● ● ●
CSS	● ● ● ● ●
React Native	● ● ● ● ●
React	● ● ● ● ●
NodeJS	● ● ● ● ●
MongoDB	● ● ● ● ●
MySQL	● ● ● ● ●
Docker	● ● ● ● ●
AWS	● ● ● ● ●

## KEY ACHIEVEMENTS

### AWARDS

- the lead developer in developing the Alfa Systems Investors website which has won a W3 Award for 2017
- part of the front-end dev team for the Bloodwise charity website which also won a W3 Award for 2017
- implemented a containerised development environment strategy using Docker eliminating dependency conflicts on developer machines

### JOURNAL PUBLICATIONS

- "Real-time Decision Support in Online Training Environments". - <http://www.laccei.org/LACCEI2015-SantoDomingo/RefereedPapers/RP192.pdf>
- "Design of an Immersive Online Crisis Preparation Learning Environment" - [http://idl.iscram.org/files/lizbacon/2016/1407\\_LizBacon\\_et al2016.pdf](http://idl.iscram.org/files/lizbacon/2016/1407_LizBacon_et al2016.pdf)

### OTHER

- implemented a containerised development environment strategy using Docker eliminating dependency conflicts on developer machines
- Successfully migrated desktop applications to web applications such as training environments while working for University of Greenwich
- At University of Greenwich, I implemented restful web services consumed by EU projects such as Pandora and POP-Alert