

# Ian Holland

## Full Stack Web and Software Developer

Mechanical Engineer turned Web and Software Developer, I am an analytically minded person who enjoys solving problems and building websites and apps. I am currently looking for full-time or intern positions to really kick off my career as a web and software developer.

✉ ianholland1000@gmail.com

📍 19 Philipsburgh Terrace, Dublin, Ireland

in linkedin.com/in/ian-holland-76120331

📞 +44 7564 904880

🌐 ianhollandweb.com

🐙 github.com/ianholl

## EDUCATION

### Higher Diploma (NFQ Level 8) in Science in Computing - Application in Progress

National College of Ireland

09/2019 – 08/2020

Dublin, Ireland

#### Courses

- Object Orientated Software Engineering
- Computer Architecture
- Web Design
- Software Development
- Server Side Development
- Data Structures & Algorithms
- Web Services and API Development
- Introduction to Databases
- Advanced Programming

### MEng in Mechanical Engineering - Distinction Award Obtained

University of Strathclyde

09/2003 – 08/2008

Glasgow, Scotland

#### Favourite Courses

- Mathematics
- Mathematical Modelling

## WORK EXPERIENCE

### Mechanical Design Engineer TAIT

02/2017 – 12/2018

London, UK

TAIT is the world market leader in designing, constructing and delivering live event equipment.

#### Achievements/Tasks

- Performing mathematical engineering calculations to design and analyse components for theatres, arenas and casinos.
- Writing VBA scripts to automate functions and calculations.

### Senior Engineer 2H Offshore

02/2010 – 10/2016

Woking, UK

2H are a world leading engineering consultancy company focused on the design and analysis of offshore oil and gas systems.

#### Achievements/Tasks

- Led a team of 15 engineers to successfully complete the global analysis scope of a large EPCI engineering project offshore Angola. [↗](#)
- Performing and automating calculations using Excel VBA

## SKILLS

HTML5

CSS3

JavaScript ES6

React

Redux

Node.js

Express.js

PostgreSQL

Bootstrap

Git & GitHub

C++

Java

Microsoft Office

VBA

Skill

## PERSONAL PROJECTS

### Personal Portfolio Website [↗](#)

- [www.ianhollandweb.com](http://www.ianhollandweb.com)

### Dirty Boozers Website [↗](#)

- Original project conceived and developed by myself
- Online database for finding old fashioned, classic pubs in London
- Tools: HTML5, CSS3 & JavaScript ES6. Plan to re-develop using React in preparation for expansion

### KeyJam WebApp [↗](#)

- Web app allowing you to play music from your keyboard
- Advancement on the classic drum machine online tutorials
- Tools: HTML5, CSS3 & JavaScript ES6. Plan to add more instruments

### RoboFriends WebApp [↗](#)

- Web app displaying robotic avatars built with React and Redux
- Rolodex functionality is included through state updates allowing real-time filtering of the avatars.
- Tools: HTML5, CSS3, JavaScript ES6, React & Redux

### FaceBox Face Detection WebApp [↗](#)

- Web app that identifies a face in an image
- Contains sign in and register options, a number of entries counter, an image url submission form and a face detection API by Clarifai
- Tools: HTML5, CSS3, JavaScript ES6, React, Clarifai API, PostgreSQL, Node.js & Express.

## CERTIFICATES

### The Complete Web Developer in 2019: Zero to Mastery (04/2019 – 07/2019) [↗](#)

Udemy Course

## INTERESTS

Technology

Music

Football

Geography