

Robert Haworth

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An enthusiastic driven team-worker, with a desire to learn and problem-solve. Originally working as an MCERTs qualified Stack Emissions Team Leader for over 10 years. I am looking for an exciting new career/challenge as a junior developer. After being introduced to coding under a year ago by a friend, I became hooked on the problem solving, the katas and learning tech in general. This lead me to finally dive in to the intensive coding bootcamp at Northcoders.

As part of the course I have worked on various projects (listed below), gained knowledge on the industry and up to date techniques like Agile, Git and ES6 Fundamentals. Increased my skillset through tuition, personal growth and built on some of my own transferrable skills. I have always worked well in a fast-paced environments, as a team-leader and also lone working, to strict targets and specifications.

Technical Skills

Language - JavaScript

Back-end: Node.js | SQL (Knex.js) | Express

Front-end: React | React-Native | HTML | CSS | Bootstrap

Testing: Jest | Chai | Mocha | Supertest



PostgreSQL



Experience

Northcoders Trainee Developer

November 2019 – February 2020

Full Stack developer bootcamp in Manchester. Starting with pre-course material and an entry exam, I began learning JS from June 2019. Building on my self taught JavaScript I had learnt using MDN, Codewars and Codecademy etc. The course teaches a practical, industry led curriculum with TDD at the heart of it. I gained lots of theoretical knowledge from lectures, but also practical in pair-programming 'sprints', gaining and sharing knowledge with my fellow course mates along the way. In the final project phase we worked using an agile inspired environment. Utilising stand-ups, Kanban board, trello and also more intricate use of Git version control with a team of 5 people. This produced our final project app, which is linked below.

Projects

Northcoders News

A Full-stack Reddit style social news site in which articles can be read, sorted, commented and liked. I built the Back-end restful API with Node.js, Express, using Knex migration on an SQL db. Testing was carried out with Mocha, Chai and Supertest. The Front end was built using React, with HTML and CSS.

Frontend Link - <https://rh-nc-news-app.herokuapp.com/> | https://github.com/roberthaworth1234/fe_nc_news

Backend Link - <https://rh-nc-news-api.herokuapp.com/api> | <https://github.com/roberthaworth1234/Be-Review>

Northcoders Final Project

We spent the final 2 weeks spiking software. Socket.IO, React-Native etc, using pair and mob programming. We aimed to create an ambient sounds generator with selectable background looping sounds and randomly sprinkled one-off sounds. The exciting learning environment gave me an insight into working with new technologies / languages and as a group targeting a specific goal. We settled on a tech stack which used a relational database for our user information / preferences, utilising Knex and Postgres SQL to implement this. We also learnt new tech in the form of React-Native for the front end app, whilst also creating a web based version in React .

Final Project Video - <https://www.youtube.com/watch?v=SMwVFiYqKrs&feature=youtu.be>

Final Project Link - <https://ambiscape.netlify.com/> | <https://github.com/roberthaworth1234/ambiscape-react-prototype>

Exova Catalyst / Element | Environmental Monitoring Team Leader

December 2009 – November 2019

Environmental Monitoring – MCERTS qualified. Working in specialised environments including Petrochemical, Food etc. Using various analysers and software. Always having to acclimatise with developing technology.

Compliance Reporting – Reporting the specified pollutants from environmental permits. Performing data comparison and producing compliance reports to target deadlines. Collating data from field exercises into analytical reports for various clients needs/requirements.

Communication – Client liaison working with a range of industrial sites from Blue chip companies to local government and environment agency auditors.

Resource and Environmental Consultants | Environmental Monitoring Technician

January 2007 – December 2009

National Coverage – As with all my previous work experience. National coverage and travel was essential. Usually paired with one or two other team members. Working autonomously, managing work load, performing field test and managing client expectations.

Scientific Analytical Laboratories | Metals Analyst

November 2005 – December 2006

Metals Analysis – Performing ICP/OES analysis and quality control, inputting results into a LIMS database system. Working in a target driven environment analysing using various inorganic techniques.

Qualifications

Ashton Sixth Form College

A-Levels in Biology / Chemistry / Psychology (Grades B-C) and AS level in Mathematics

Hobbies & Interests

Enjoy Hill Walking and Photography.