

James Coates

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jamescoates.me

Full-Stack Web Developer

An engineer turned developer with an exceptional can-do attitude and a fervour for efficient code. Armed with a year's experience in full-stack web application development, seeking to join a dynamic and ambitious team with aspirations of shaping our interaction with the web and technology.

Key Skills

Markup & Styling

HTML, CSS & SASS

Scripting Languages

Javascript, Python

Front End Frameworks

React, Angular, Vue

Back End

NodeJS, Express, Mongo, SQL

Other

Git, Parcel, Webpack, AWS, Wordpress, Adobe CC Suite

Education

Full-Stack Web Development

CareerFoundry, 2019

Mechanical Design Engineering

Newcastle University

2010 - 2014

First Class (Hons) Master's Degree

Freelance Projects

WeSpeakYourLanguage

Tour Booking Website - React

Aug 2019 - Present

Wheelspin

Motor Show Website - Wordpress

Jun 2013 - Jun 2014

Hobbies & Interests

- Public Blockchain
- Economics & Finance
- Graphic design
- Sport, mainly football

Experience

Full-Stack Web Development Student | Career Foundry

Remote (Part-Time), Apr 2019 - Present

In tandem with a full-time job completed a full-stack web development course, delivering over five projects to hone my skills as a web developer. Consistently provided excellent feedback and timely delivery of tasks.

Highlights:

- Created a native chat application using the React Native Framework with built in image and location sharing features using the Expo library.
- Following a test-driven-development approach, developed a serverless progressive web application (PWA) to display upcoming 'Meetup' events in a selected location.
- Built a full-stack movie database web application with a REST API hosted on a NodeJS server and user-friendly user interface built with React.
- Created a quiz application using the Angular framework.
- Built a simple to do application using the Vue framework.

Computer Aided Design Engineer | Rolls-Royce Plc

Derby UK, Aug 2017 - Present

Consistently deliver designs and engineering drawings to the highest engineering standards exceeding client expectations

Support the management of deliverables to ensure client expectations.

Cost Engineer | Dyson Ltd

Derby UK, Feb 2017 - Aug 2017

Managed cost reduction strategies across the full floorcare range.

Led five cost reducing research projects leading to a 2% cost saving across three major products.

Implemented a new cost reporting tool built on Excel with Macros improving data input efficiency by over 50%.

Mechanical Engineer | Assystem Ltd

Preston UK, Aug 2014 - Feb 2017

Programmed finite element stress calculations using the ANSYS CLI