JAMES COATES

Full Stack Web Developer

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OBJECTIVE

Leveraging over 5 years' engineering experience and a year immersed in full stack web application development pursuing a dream career as a developer. Armed with an excellent understanding of the latest front-end web technologies and frameworks, I provide a systematic, out-of-the-box approach to web design and development with a track record of delivering to the highest standards.

KEY SKILLS

Markup & Styling:
HTML5, CSS3, SASS

Scripting Languages:
Javascript, Python

Frameworks:
React, Angular, Vue, JQuery, NodeJS, Bootstrap

CMS:
Wordpress

Graphic & Design:
Full Adobe CC Suite, Sketch

Other:
Git, SQL, MongoDB, AWS, Heroku

EDUCATION

Newcastle University *2010 – 2014*
Mechanical Design Engineering
First Class (Hons) Master's Degree

LANGUAGES

English, Maltese

HOBBIES & INTERESTS

Feverishly passionate about public blockchain technology, with a keen interest in global macroeconomics.

When I'm not learning new web technologies you'll either find me tweaking my bitcoin node, going for a walk with my chirpy cocker-spaniel or as an avid football fan bustling about in a five-a-side football match.

EXPERIENCE

CareerFoundry | Full Stack Immersion Student
Remote (Part-time), April 2019 – Present

In tandem with a full-time job, I am in the process of completing a full stack web development course. I have eagerly delivered over five real-world projects tailored by industry experts to hone my skills as a web developer and consistently received excellent feedback for my timely delivery tasks.

Highlights:

- Developed a serverless, progressive web application (PWA) integrating with the Meetup API to fetch event information. The application was built with React using a test-driven development (TDD) technique.
- Built a full stack single page web application (SPA) for a prototypical movie database website. The back-end was built to serve an API on NodeJS interfacing with a MongoDB database. The client side was built on React with the UI implemented using the Bootstrap library.
- Created a quiz application using the Angular framework.
- Built a simple 'To Do' application using the Vue framework.

Rolls-Royce Plc | Computer Aided Design Engineer
Derby UK, August 2017 – Present

Produce nuclear submarine designs and engineering drawings to the highest standards exceeding client expectations.

Work daily with clients to ensure deliverables within the team are managed to business objectives.

Dyson Ltd | Cost Engineer
Bristol UK, February 2017 – August 2017

Managed cost-reduction strategies for the whole of the floorcare range.

Initiated five cost-reducing research projects leading to a 2% saving across three major poducts.

Implemented a new cost-reporting tool built on Excel with Macros to improve the data input efficiency of the reporting process by over 50%.

Assystem Ltd | Mechanical Engineer
Preston UK, August 2015 – February 2017

Programmed finite element stress calculations using the ANSYS CLI.

Wheelspin | Freelance Web & Graphic Designer
Remote, June 2013 – June 2014

Designed, built and maintained a Wordpress website for *Wheelspin* (a Maltese motoring show).