

## TECHNICAL SKILLS

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- Python, JavaScript, HTML & CSS, Bootstrap, React, Redux
- Django, Django REST API Framework, PostgreSQL
- Cloud: PythonAnywhere, AWS Elastic Beanstalk, Heroku

## EMPLOYMENT

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- *Freelance Web Developer* 2020-Present
  - Built a full stack web app for football forum that allows user to post, write comment, read blogs and engage with others
  - Implemented model-template-view architecture for building back-end functionalities such as user sign-up, user posting, security and user authentication/permission and employed Bootstrap, CSS and JavaScript for creating UX experience and responsive layout
  - Client was happy with design and generated more than 30 users after website launch
  - Used: Python (Django), SQLite (for database), HTML/CSS, Bootstrap, PythonAnywhere (deployment)
- *Quality Manager* 2016-Present
  - Teamwork and Problem Solving: Liaise with clients and team of three employees to understand and reduce product issues by 20% annually which results in increased customer satisfaction
  - Data Analysis: Identified, collected and analysed data to formulate monthly report of KPI
- *Student Intern* 2013-2014
  - Testing: Reviewed test cases for testing safety systems for factory acceptance testing and liaised with engineering team to find solutions to identified issues

## ADDITIONAL PROJECTS

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- **Customer Product Return Register** <https://bit.ly/395SmPF>
  - Built RESTful API that serves customer product issues, created to interface with other systems and aid in completing root cause investigation
  - Utilised Django RESTful Framework to serialise model instance and build CRUD operations for different API endpoints
  - Used: Python (Django), PostgreSQL(database), AWS Elastic Beanstalk (deployment)
- **Bitcoin Monitor API** - Web Scraping [bit.ly/3lmlxBq](https://bit.ly/3lmlxBq)
  - Built bitcoin monitor that tracks market price for bitcoin, inform user on price change and aid in investment
  - Implemented Python modules (Beautifulsoup, Requests, Smtplib) to access and collect data from Coinbase and email the current market price of bitcoin
- **Clothing Website** <https://bit.ly/2PnCFLX>
  - Built a full stack web app for an e-commerce store that allows user to navigate different products and add selected items to cart and simulate payment using JavaScript (React, Redux) and styled using SCSS for frontend
  - Utilised express.js for backend and Stripe payment API and integrated product data through Firebase (NoSQL database)
  - Unit testing using Jest and deployed web app using Heroku
- **Movie Database** <https://bit.ly/3pxJDex>
  - A movie database that allows user to store their favourite movies by accepting user inputs
  - Implemented and manipulated DOM elements, relied on event handling and use of objects to output data through JavaScript (no libraries), HTML and CSS

## EDUCATION

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- Software Courses – Udemy
  - Python and Django Full Stack Web Developer Bootcamp
  - Complete React Developer (Redux, Hooks, and others)
  - UI Design Fundamentals
  - JavaScript : The Complete Guide
  - Data Structures and Algorithms
- **MEng Aerospace Eng. (1<sup>st</sup> Class Honours Achieved)** **London, UK**  
Queen Mary, University of London 2011-2016

## INTERESTS

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- Self-Improvement: React, Amazon Web Service(AWS), Heroku, Java
- Football and Cycling