OLIVER CASE-GREEN

Phone: 07581 284150   **Email:** olivercase-green@hotmail.co.uk   **Portfolio:** https://olliecase-green.github.io/

London-based Software Engineer with commercial experience using Vue.js, TypeScript, JavaScript, PHP, Python, MySQL and Linux looking for Full-Stack Developer positions.

WORK EXPERIENCE

Full-Stack Developer, Berganza, July 2024 - Present
- Frontend: JavaScript, HTML/CSS, JQuery
- Backend/Data: Linux, Apache, MySQL, PHP (LAMP software stack)
- Version Control: Git

Responsibilities and achievements:
- Worked on both the internal stock system and public-facing website for Berganza, a luxury antique jewellery company based in Hatton Garden.
- Greatly improved our website's core web vitals score by optimising CLS and LCP, resulting in our website passing core web vitals testing with Google.
- Integrated our backend system with Royal Mail Shipping API for automatic shipping order creation.
- Developed an automated email notification system to alert customers of new stock by implementing a cron job to analyse sign-ups for stock alerts and trigger emails if at least 10 new products had been added since their registration.
- Built and delivered performant frontend page templates as part of an ongoing modernisation of the website.
- Frequently enhanced our 'Admin system', allowing colleagues to update the website independently. For example, I created a section for colleagues to upload pictures, texts and links to a homepage product carousel.
- Developed a strong understanding of Linux and Apache by setting up and managing a personal development server.

Software Engineer, Hullabalook, May 2022 - March 2024
- Frontend: Vue.js, TypeScript, JavaScript, Vuex, HTML/CSS
- Backend/Data: Python (including OOP), Pandas, Jupyter Notebook, Google Colab
- Version Control: Git

Responsibilities and achievements:
- Led multiple projects from start to finish, including designing and building five 'product listing pages' apps, a room designer app and a visual bundling app.
- Designed Post Messaging using TypeScript to allow the apps to make API calls to the parent sites' add to bag and add to wishlist APIs.
- Helped complete a client task which resulted in a 10% increase in conversion to purchase of customers who interacted with our app.
- Analysed and mapped client data using Pandas, Jupyter Notebooks and Google Colab to ensure the data was usable, ensuring the projects ran smoothly by exposing bad data quickly. After presenting my work to my colleagues, this approach was adopted by the rest of the team for future projects.
- Improved my Object-Oriented Programming skills by writing functionality and fixing bugs for 'mapper' Python scripts, used to map client data onto our platform.

Junior Software Developer, Sigma Labs XYZ (Coding Bootcamp), December 2021 – May 2022
- Completed the Sigma Labs full-stack training programme
- Frontend: HTML/CSS, JavaScript, React.
- Data/Backend: Deno.js, SQL, API development, Python, Pandas.
- Best practice industry fundamentals: OOP, TDD, agile methodologies, Git version control.
- Delivered a Knowledge Checklist App and World Bank Data App as group projects.

Audit & Accounts Semi-Senior, MHA MacIntyre Hudson LLP, July 2019 – October 2021
- Achieved first-time passes in Certificate in Finance, Accountancy and Business level exams (CFAB).

PERSONAL PROJECTS

E-commerce application (https://github.com/olliecase-green/ecommerce-app)
Blog application (https://github.com/olliecase-green/blog-application)
Bet Resolution application (https://github.com/olliecase-green/bet-resolution-app)
Chat app (https://github.com/olliecase-green/chat-app)

EDUCATION

B.Eng (Hons) Mechanical Engineering, 2:1, *University of Manchester, 2014-2018*