Jordan Walker

walker.jlg@gmail.com
07454747488
19 Bodmin Avenue, Wrose, Shipley, BD18 1LT
walkerjordan.com
github.com/jlwalkerlg

A motivated and detail-oriented full-stack developer with experience building interactive front-end user interfaces and secure back-end software.

TECHNICAL SKILLS

- HTML5
- CSS3
- JavaScript
- PHP
- Python
- Node.js
- MySQL
- Laravel
- React
- Redux

PROJECTS

BOOKABLE.

- An ecommerce book store and social cataloguing application.
- Users can browse, shortlist, rate, review, and purchase hundreds of books.
- Built a backend RESTful API using Laravel and MySQL.
- Built a token-based OAuth 2.0 compliant authentication system with cookies and Laravel Passport.
- Built a complementary front-end application with React and Redux.
- Used Bootstrap and React-Bootstrap to build an interesting and interactive UI.
- Integrated the Stripe Payment Intents API for collecting payments in compliance with the new Strong Customer Authentication (SCA) European legislation.

SOURCE CODE: github.com/jlwalkerlg/bookable   LIVE DEMO: bookable.walkerjordan.com

BELLONA

- A custom PHP framework inspired by Laravel.
- Features include a service container, automatic dependency injection and implicit model binding, authentication and authorization, an explicit routing system, a query builder with prepared statements, in-built CSRF protection, and more.

SOURCE CODE: github.com/jlwalkerlg/bellona | github.com/jlwalkerlg/bellona-framework

INGAMING

- An e-commerce video game store and CMS built with the Bellona framework.
- Users can browse games, watch trailers, add games to their cart, and purchase them.
- Admin can create and delete games, update game details, and change the featured game that is displayed on the landing page, via an admin-only dashboard.
- Built largely as an example website while building and testing the Bellona framework.
- Integrated the PayPal/Braintree API to securely accept payments via credit card or PayPal.
- Developed a custom-built UI with SASS and vanilla JavaScript, bundled with Webpack.

SOURCE CODE: github.com/jlwalkerlg/ingaming   LIVE DEMO: ingaming.walkerjordan.com

EDUCATION AND TRAINING

ACADEMIA

DECEMBER 2018	MSc. ATMOSPHERE-OCEAN DYNAMICS, UNIVERSITY OF LEEDS, LEEDS. Distinction. Final year project: Competitive Lotka-Volterra Dynamics in the Convective Cloud Field Model Involved using Python to study cloud population dynamics via numerical modelling and computer simulations within a convective parameterisation scheme used by the Met Office.

JUNE 2017	BSC. PHYSICS WITH ASTROPHYSICS, UNIVERSITY OF LEEDS, LEEDS.
	First Class Honours.
	Final year project: Active Galaxies in the Nearby Universe.
	Involved using Python for spectroscopic analysis and modelling of narrow-emission lines from Active Galactic Nuclei, in order to investigate the correlations between classification, age, and metallicity.
JUNE 2013	HANSON SCHOOL, BRADFORD
	A-Levels: Mathematics A; Biology A; Physics B.
	GCSEs: 10 A*-C including Physics A*; Biology A*; Mathematics A; Chemistry A; English B.

ONLINE TRAINING

LINKEDIN LEARNING	Various courses from front-end to back-end development.
	Topics included: Object-oriented PHP, web security, accessibility, HTML semantics, test-driven development, GIT version control, database design and much more.
UDEMY	Courses included: The Web Developer Bootcamp; Object Oriented PHP & MVC; JavaScript: Understanding the Weird Parts; Learn and Understand NodeJS.

EMPLOYMENT

JUNE – SEPTEMBER 2017	TYRE FITTER
	- Repaired punctures and fitted new tyres according to customer requirements.
	- Dealt directly with customers to discuss their needs and any complaints.
	- Shared responsibilities and workload with other team members to ensure business runs smoothly.

HOBBIES AND INTERESTS

- Programming
- Rugby
- Travel
- Animal welfare