Daniel Chadwick,
Developer.

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Developer at i6 working with mainly PHP7/Symfony, JavaScript, Twig/HTML/Mustache, MongoDB.

I studied at the University of Hull for my BSc Computer Science. Whilst at University I mainly used C# but have developed in PHP, Java, C++, C and JavaScript and studied an array of key concepts such as MVC frameworks, data structures, and algorithms to name a few.

Prior to studying I worked for 2 years at an online eCommerce retailer as a Full Stack Developer focusing on PHP eCommerce/management systems, scripts and software environments.

Summary

Developer, i6 Group   Jun '21 – Present

Working with mainly PHP7/Symfony, JavaScript, HTML, LESS, Twig/Mustache, MongoDB on the Reconcile6 project whilst also using NestJS/Express, Typescript, OpenAPI micro services.

Developer, Wren Kitchens   Aug '20 – Jun '21

Junior Developer, Wren Kitchens   Jun '19 – July '20

Starting off on the TREK team I worked on the start of a new Route Optimising system for our logistics/surveying network. The project was originally a Symfony 3.4 (PHP7) application using Assetic as the manager for any LESS/JS within the project. I personally upgraded the project to Symfony 4.3 and Webpack Encore. This included managing any deprecated packages, mainly Assetic, and updating any legacy code within the application. The Symfony application hadn't been managed in close to a year so a considerable amount of methods had been deprecated. On the JS side, Webpack Encore was chosen to be our implementation of Webpack within our project to bundle our styling and JavaScript. All our JavaScript had to be refactored to be up to date with the latest JavaScript standards which was all completed by myself.

Currently, I am working on building a Node.JS and TypeScript Microservice which will interface between our internal sales system and a third party leveraging RabbitMQ, REST APIs and Apache Tinkerpop Gremlin.

I have worked on implementing our bespoke E-Commerce system at Wren Kitchens. This was accomplished with PHP (APIs and logic), Twig, LESS for styling and linked to our core MySQL8 database. Orders will be placed on our customer facing website and take payments via Worldpay and communicate back to our monolithic sales system. I have worked on all parts of the checkout process from API endpoints on our CRM, checkout setup on the customer facing website, revamping our base templating and styling to enable an intuitive user experience all using HTML, LESS and JavaScript.

On a day to day basis, I would be using technologies listed in my profile such as Node.JS, TypeScript, Symfony 4.3, PHP7.3, JavaScript, MySQL8, LESS and also Git, Doctrine ORM, RabbitMQ, static analysers, and testing suites. Meanwhile our CI/CD is managed on a Jenkins automation system using our Dockerised environment so pipelines, builds, deployments are all within my skill set. I also offer guidance and help to our Graduate and Junior Developers with Wren coding standards, latest coding practices and general technical guidance around the role.

Full Stack Developer, J&B Group *(part time)* **May '17–Sept '18**

Jan '15 – Sept '16,

PHP 5.6, MySQL 5, HTML/CSS/JS hosted on onsite managed VMware server running CentOS6/7 VMs. Worked with Opencart, Magento, osCommerce sales platforms with a Commercial off the shelf (COTS) stock management system. The COTS system was queried using a SOAP XML API for order processing and queried directly on their PostgreSQL DBMS.

Worked with the 3rd party courier services such as Yodel and DPD for domestic and international order fulfilment whilst managing the technology stacks for all the brands within the J&B Group including SnickersDirect, SafetyBootsUK, PowertoolDirect.

UI/UX, content management, internal systems development including order processing, logistics, email marketing and business reporting.

Between 2017-2018 I worked part time as a Full Stack Developer whilst studying at the University of Hull doing similar tasks to the aforementioned role.

Education

BSc (Hons) Computer Science, University of Hull **Sept '16 – Jun '19**

Whilst at University I mainly used C# for both Desktop application development but also included work around ASP.NET Framework and Console applications. Other technologies I have experience in is Java for Android development as I created a barcode scanning application which queried a bespoke PHP RESTful API. Also built on my knowledge of PHP applications, JavaScript within a Canvas application and client side dynamic features, and also developing my own compiler and parser within Flex/Bison. I also built upon SQL knowledge from previous employment in MySQL, PostgreSQL, Oracle and MSSQL.

Modules:

BSc (Hons) Computer Science	
3rd Year	
Languages and their Compilers	Computer Systems Infrastructure and Management
Mobile Devices and Applications	Distributed Systems Programming
Dissertation (Stock Management and Point of Sale Application)	
2nd Year	
2D Graphics and Simulation	Advanced Programming
Systems Analysis, Design and Process	Database Techniques
Information Systems and Web Technologies	Networking and User Interface Design
1st Year	
Computer Systems	Software Engineering and Human Computer Interaction
Programming Paradigms	Software Project-Based Learning
Quantitative Methods for Computing	Computer Science: The Challenge for Sustainable Computing

Interests

Personally, I am a driven individual and enjoy participating in and following sports including Basketball and American Football. I also enjoy running, cycling and have completed a half marathon all while staying active at the gym.

Technology wise, I enjoy keeping up to date with the latest frameworks and libraries including Symfony 5, React, Laravel, and SASS. Just anything I wouldn't usually get to work on in my day job.