

Josh Lyell

Software Engineer / Web Developer

Website: <https://bubblehead.io>

Email: joshlyell@live.co.uk

Linkedin: <https://www.linkedin.com/in/josh-lyell/>

GitHub: <https://github.com/Bubblehead333>

Profile

Plymouth based, full-stack web developer with 3 years experience using the **LAMP** stack. Interested in smart web-based solutions for a range of practical applications. Keen eye for precise, clean front-end, invoking powerful, functional visual for optimal user experience. Avid user of **MVC** design patterns and **PSR-2** coding standards. Confident with **object-orientated programming** with knowledge of **MySQL** and **MSSQL** databases.

Key Skills

// Front end technologies such as **JavaScript, jQuery, HTML** and **CSS**

// Back-end technologies including **PHP, MySQL, C#, Python, C/C++**.

// Configuration of virtual machines and server infrastructure, **Linux: Centos, Ubuntu** and **Debian** builds.

// Communication and workload management via **Notion** and **Jira** boards, **Agile** scrums through **Sprints**.

// Code release procedures including deploying to **Stash/Buddy** with **Git** version control.

// User testing methods, including automated testing with **Selenium Webdriver**.

// Security conscious; aware of strategies defending against **cross-site scripting, SQL injection** and other vulnerabilities.

Technologies I use include: PHPStorm, Visual Studio, Atom, Git, Github, Stash, Notion, Composer, Vagrant, VirtualBox, JIRA, Confluence, Apache, MySQL, Bootstrap, Slim, Twig, MonoDevelop, Laravel and Respect.

Experience

Web Developer (Full Stack)

Freelance - Jan 2020 - Present (Plymouth)

As a Freelancer I am involved in an array of different web development projects ranging from bespoke web pages, to fully formed web applications. I enjoy creating smart solutions using the latest frameworks and APIs where practical and aim to create dynamic, scalable web pages that grow with my clients businesses. Examples of previous clients include a German based metal fabrication company and local primary academy websites. I primarily use PHP, MySQL, Javascript, HTML and CSS for these projects, and include popular frameworks such as Laravel, Slim and Respect where appropriate. All projects use Git for version control.



Software Engineer (Full Stack)

Equinox by Work AnyWare - Mar 2017 - Jan 2020 (Leeds)



My role as a Software Engineer at Work AnyWare sees me maintain and develop an online cloud-based web application. As part of a small team, we share ideas, prioritise requests and manage workloads using Jira and Notion boards. Inter-team communication is key as we handle development requests both internally and externally. My day to day revolves around the LAMP stack, using PHP with the Slim framework and MySQL for data handling. This includes integrating third party software such as finance packages, export tools and other more specific IP services with APIs or middleware. I use HTML, CSS and Javascript for front-end UI, adopting the jQuery library for user experience and Twig templates for views. I repair, rebuild and create new servers where necessary. I am responsible for maintaining the public facing website.

Senior Sales	Greggs	Jul 2015 - Mar 2017	(Edinburgh)
Visual Merchandiser	BHS	Apr 2014 - Jul 2015	(Edinburgh)
Data Entry	Royal Mail	Nov 2013 - Apr 2014	(Plymouth)

Qualifications

Bachelor of Science (Hons) Audio and Music Technology (2:1)

University of the West of England - Sep 2010 - Sep 2013 (Bristol)



- Audio For Games (Unity and FMOD)
- Programming C/C++, MaxMSP
- Audio Signal Processing
- Acoustics
- Music Theory and Composition
- Role of Media in Business

BTEC National Diploma Sound Engineering and Music Technology (Triple Distinction)

dBs Music Plymouth City College - Sep 2008 - Sep 2010 (Bristol)



- Live Music Recording
- Mixing and Mastering
- Audio Rig Construction
- Sampling and Synthesis
- Music Business
- Digital Audio Workstations (Logic Pro, Cubase)

Other: Full, clean driving license, DBS checked (Valid until September 2020)

Languages: Native English speaker, intermediate Swedish, novice German, novice French

Hobbies

My hobbies include recording, performing music; I have performed in many bands as a guitarist, bassist and drummer across the UK. I love to learn about new technologies and am currently building two computer games using C# and the Unity Engine. One of these games with an example of a personally built website can be found here: <https://www.phaseshift-game.co.uk/>. I am passionate about the environment, healthy eating and fitness.