

Josh Selby
Full Stack Developer
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I am an avid full-stack developer and enjoy working on both front and back end applications. In my spare time I like to work on my car or go on walks with my camera and dog, Juniper. I enjoy teamwork, whether that's building a recipe finder at Mayden Academy, working in a kitchen at a festival food stand, to helping build a farm for a community in Romania.

Skills

I will be graduating from Mayden Academy, a 16-week long, intensive course on full stack web development, on the 13th of December. I have been learning to use a variety of technologies including SASS, JavaScript with TypeScript, Node, React and MongoDB, PHP with Slim and MySQL, and became a Certified Scrum Master. We also used Gulp as a build tool. Whilst on the course I completed 7 projects, including 5 working as a team using Agile and Scrum methodologies. I also acted as scrum master for a project. Below is a list of my favourites, or take a look at my portfolio at portfolio.jdselby.co.uk

Projects

GRUB: Recipe Finder

GitHub: <http://bit.ly/grubrecipes>

Live Site: <http://bit.ly/grubrecipes-live>

Project built as part of an Agile team whilst at Mayden Academy. Built using object-oriented PHP interacting with an API and a MySQL database. Allows the user to specify a selection of ingredients from the database and specify additional ingredients. Uses the RecipePuppy API to return recipes using those ingredients. We used Git for version control, managed namespace autoloading with Composer and performed unit testing with PHPUnit.

SynergyOS

GitHub: <http://bit.ly/synergyos-gh>

Live Site: <http://bit.ly/synergyos>

Also built over a week as part of an agile team whilst at Mayden Academy. A browser based OS built using React, includes a number of apps running in movable, resizable windows, such as: a random GIF viewer, music player, games and a productivity suite.

Slacker

GitHub: <http://bit.ly/slackr-gh>

A personal project I started to develop my understanding of PHP, Slim, APIs and JavaScript. It's a messaging application, with a custom API built in Slim following the MVC framework, which is utilised by a JavaScript front end, allowing users to create an account and send messages in various channels. I am currently in the process of converting Slacker to a serverless deployment on Zeit's Now platform, replacing the PHP backend with Node.

Education

Mayden Academy - Full Stack Web Course - 27th August to the 13th December 2019

Full-stack web development course covering a number of technologies including JavaScript including Node and React, PHP including Slim and MySQL.

Beechen Cliff Sixth - A-Levels - September 2017 to June 2019

A-Levels in Maths, Physics and Computer Science, including a computer science project in which I developed a synthesiser on the Arduino platform in C, using the Mozzi audio library.

Writhlington School - GCSEs - September 2012 to June 2017

References available upon request.

11 GCSEs including English, Maths and Computer Science