

SHANNON BIRCH

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Junior Software Developer

Intermediate software development and programming skills with an emphasis on each stage of the product life cycle from start-to-finish. Experienced with handling all aspects of the project including: iterative development, documenting requirements, unit testing, and product demos. Comfortable with both Waterfall and Agile methodologies.

Languages and Technologies

- Linux
- PHP
- C#.NET
- React
- Java
- SQL
- XML
- Python
- Android
- Javascript
- Linux
- Laravel

Employment

Full Stack Developer

iPlanit

Feb 2018 - May 2019

PrestaStats (PHP Laravel, Javascript, React.js, SQL, Bootstrap, JQuery)

- Created addon for Prestashop.com stores
- Allowed store owners to view charts with statistics gathered from their stores data
- Allowed store owners to customise the order of charts and filter the data to view information better.

Dynamic Route Mapping (PHP Laravel, Javascript, SQL)

- Worked with the client Aerlingus to create a backend system for the route map on their website.
- It gave them an interface set names for their airports, label points of interest, give airports filterable tags (e.g Skiing, Beach Holiday, Romantic Getaway), set routes, set colours for routes.
- It stored all of their changes in an SQL database

Technical Experience

Projects

- **Indie News**(2020). Android App and website for independent journalists to submit articles. Users can follow journalists, to see their articles in their feed or get alerts. Can also follow tags and locations.
Android, Java, XML, PHP, SQL, Javascript
- **Priority Based Reservations** (2017). Android app, allowing users to book a reservation with a company using a priority scale. During full times lower bookings could be moved to make space for a higher priority one. Complete with business web end allowing businesses to add their company and set priority names and costs.
Android, Java, XML, PHP, SQL, Javascript
- **Far Flights** (2016).Website that allowed users to search for flights in their price range by setting the destination and the price. It would then tell the user what dates it was possible to fly for under that price. Additional settings and setting up email alerts as other functionalities. PHP, Javascript, SQL, Python, Bootstrap, JQuery

Additional Experience

- **Peer Programming Instructor (2015 – 2017)**: Teaching younger children basic programming skills. Taught Scratch and some basic JavaScript.

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- **Summer Camp Counselor (2014 - 2019):** In Cabin counselor for 6 campers. Lead Archery instructor. Led multi day camping trips.

Education and Professional Development

BSc (Hons) in Computing (Sep 2013 – Jan 2018)
Technological University Dublin