

Louise Fitzpatrick Hayes - Full Stack Developer

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Experienced web developer with strong focus on modern Javascript frameworks (React, Angular & Vue), especially passionate about unit testing, E2E UI tests, PWA's and Accessibility. Relocated to U.S. from Ireland in 2016. A UNH coding bootcamp grad and new to US market (recently received work authorization). Ready to hit the ground running in any phase of a project. 5 Years Developer experience. 10 years DB & Unix experience. Currently contributing to open source, 50+ varied apps on github. Always learning new tech. Also writing technical blogs, facilitating at GirlsCanCode, a member of MomsCanCode, attending meetups and technical conferences in Boston and locally. Recently won a hackathon with a ReactJS App focusing on Imposter Syndrome.

EXPERIENCE

Frontend Developer - Vue/Laravel/PHP/Nova [Franchise Business Review](#) Oct-Nov 2018

- Developed Vue components for a local Marketing company, Front end dev on a team of 5.
- Added functionality to their in-house apps to replace legacy marketing systems
- integrated with RESTful APIs, created vue components and built a Toast UI editor using the Nova ecosystem (laravel, composer, PHP and TailwindCSS). Bitbucket for code repository.

Fullstack Developer - React / Mendix PaaS [Robosoft](#) June-Sep 2018

- Obtained Mendix Rapid Dev Certification & developed Rapid Apps in Mendix & React.
- Built a technical partnership between [Mendix](#) and Robosoft
- Orchestrated and attended technical Enterprise workshops in Mendix to design architecture and data model design patterns.
- Developed where needed custom Javascript widgets for mendix platform, using React JS.

Frontend Developer - Angular [Mobile Programming LLC](#) March 2018 - June 2018

- Developed a data visualization component as part of an agile team for a patient portal, built from the ground up using SVG, no third party chart libraries used.
- Component can be white-labeled, imported as an npm package or component to any Angular App in few lines of code.
- Accepts multiple dataSets and chart types.
- 100% Code Coverage via Unit Tests (Karma, Jasmine, Istanbul) and End to End Tests (Cypress.io).

Web developer Deewhy Consultants. Ireland 2012-2016

- Ran a successful web developer business in Ireland with clients ranging from small to large enterprises.
- Conceptualised brochure and E-commerce sites, developed and deployed hosting to AWS.
- Persuaded clients to switch to google Adwords campaigns and SEO Increased revenue.
- Created responsive user centric websites in Typo3, Joomla, Wordpress, Zencart, NopCommerce. Specializing in Javascript, PHP, HTML, CSS & Photoshop.
- Involved in pre-sales, design, development, testing, deployment and training.
- Developed PHP / mySQL scripts to manipulate vendor data for large corporate client..
- Developed promotional landing pages resulting in increased user visits and store sales.
- Customised online stores, by developing complex components, such as:
 - A Store finder component for a Dublin Airport site
 - A Car accessories finder based on user input criteria using Car manufacturer API's.

APPS

[RealUp](#)

Hackathon winning Imposter Syndrome React Hybrid App.

- Responsible for the project scaffolding from the bare bones up.
- Designed React reusable components dynamically controlled by props for style, text and onclick actions.
- Created a Hybrid Android APK binary of the App using Cordova tool.
- Established a [GIT strategy](#) for the team some of whom had never used git before that resulted in seamless code sharing and zero merge errors
- Coached newbie coders on CSS, HTML, debugging/browser dev tools, git, react and trello.

Data Visualisation Component (March - June 2018)

From scratch SVG Angular chart component

- 100% hand rolled to remove 3rd party dependencies.
- Built a custom Graph service to calculate algorithms, normalise graph axis, dynamically updatable with RESTful fetch service.
- Can be whitelabelled, renders multiple datasets and chart types, tooltips, click events to extract data on each element.
- 100% Test code coverage Unit Tests: using Karma & Jasmine. End to End tests using Cypress.

ChatterDox: (Jan- March 2018)

Speech-to-text Children's school reading lab and story generating App.

- Fullstack, deployed on heroku, Code on github.
- Lead dev in an Agile team. Built with React, Axios, Node, Express and Mongoose/MongoDB.
- Responsible for API integration of IBM Watson, Google Drive and Auth02 login.
- Implemented Express Route API's for CRUD to MongoDB and AXIOS REST requests on the client side.
- Analysed watson docs and extracted the complex data stream from IBM Watson
- implemented local file download functionality
- installed google drive API, google OAuth2 login, and React architecture.
- Added React hooks to manage stories, (delete/upload/download).
- Created react Modals component using Material.
- Created action buttons to appear by each story.
- Persuaded local elementary school to use the App to create class room story books previously created manually by typing, reduced teacher workload and improved student technical know how and confidence.

Event Monster (Nov - Dec 2017)

PTA Event Management Portal.

- Fullstack, deployed on heroku, code on github.
- Conceptualised project vision & requirements. An agile team with standups, code reviews, Trello for agile task management of scrum board.
- Implemented User Profile CRUD : **Client side** HTML5, CSS3, HandlebarsJS, Materialise, JQuery, AJAX RESTful calls. **Server side**: Node JS, Express Route API's & mySQL sequelize components.
- Established & trained team on Unit Tests,, followed TDD best practices - Mocha with Proxyquire of express routes and BDD with Cucumber/ Gherkin.

ADDITIONAL EXPERIENCE

- **Web Developer** **Access Counselling, Dublin** 2007 - 2010
Created a website for accesscounselling, to promote the counselling centre, and handle online bookings and payments. responsible for the site creation, content, and SEO google ads/ online marketing. Built using Joomla, HTML, CSS, Javascript.
- **SAP Basis Administrator** **Caltex Australia Sydney** 2002 – 2003
SAP in-house system, Oracle DB & Unix Admin, Upgrade, Performance Tuning. Responsible for 24*7 critical systems, ensured minimal downtime, optimisation & resolved outages.
- **SAP Basis Administrator** **Hewlett Packard Dublin, Ireland** 1999-2001
Performed multi platform server Installations & upgrades. Handled complex operating system issues, performed tweaks to OS to ensure architecture supported the platform optimally.
- **SAP Basis Administrator** **SAP Dublin, Ireland** 1997-1999

Monitored and managed SAP servers, Oracle DB systems, customized ABAP reports, provided technical support, carried out performance tuning, Installations, & Upgrades.

- **Cobol Programmer at Walsh Western International Freight Company** 1996-1997
Developed in-house freight mgmt system in Cobol part of a team of 20 devs.

EDUCATION

Mendix, Boston, MA *Rapid Developer Certification* 2018

University New Hampshire, Durham, NH *6 mth p/time Coding Program* 2017

Australasian College of Natural Therapies, Sydney 3 yr p/time Dip Naturopathy 2003-2007

Galway Regional Technical College, Co. Galway, Ireland 3 yr f/time CS degree 1993-1996