

Louise Fitzpatrick Hayes - Full Stack Developer

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Motivated, enthusiastic Fullstack Javascript MERN/MEAN Programmer. Previous careers as a DB and Unix Admin for SAP, and Front End Javascript developer. Competent to hit the ground running in React / Angular, in any phase of an Agile project. Currently contributing to open source, writing technical blogs, facilitating at GirlsCanCode, a member of the MomsCanCode community, freelancing, attending meetups and technical conferences. Recently listed on CodeWalls 200 Female Devs to follow on Twitter. Won a recent hackathon with an Imposter Syndrome ReactJS Hybrid App.

EXPERIENCE

JS Vue **Laravel PHP Nova** [Franchise Business Review](#) **Oct-Nov 2018**

- Developed Vue components for a local Portsmouth Marketing company.
- Added functionality to their in-house apps to replace legacy marketing systems
- integrated with clouinary API, created vue js modals and built a Toast UI editor using the Nova ecosystem (laravel, composer, PHP and TailwindCSS). Bitbucket for code repository. and confluence for task management.

JS Mendix PaaS [Robosoft](#) **June-Sep 2018**

- Obtained Mendix Rapid Dev Certification & developed Rapid Apps in Mendix & JavaScript.
- Built a technical partnership between [Mendix](#) and Robosoft
- Orchestrated and attended technical workshops in Mendix to prepare for upcoming projects.

JS Angular [Mobile Programming LLC](#) **March 2018 - June 2018**

- Developed a data visualization component as part of an agile team for a leading pharmaceutical patient portal.
- Component can be white-labeled and added to any Angular App in few lines of code.
- Accepts multiple dataSets and chart types. No third party chart libraries used, 100% Code Coverage via Unit Tests (Karma, Jasmine, Istanbul) and End to End Tests (Cypress).

JS PHP **Dublin Airport Authority, Ireland** **2012-2015**

- Wrote PHP scripts to manipulate vendor excel files, upload data to a MySQL database, convert and extract the data as a csv importable template for a NopCommerce online store.
- Developed user centric promotional landing pages on theLoop.ie (Airport Duty Free Store) using CSS, Javascript and HTML resulting in increased user visits and store sales.
- Established technical relationships with Brand and Category managers and Digital Retail Manager and over 50 vendors.

Frontend JS **Deewhy Ltd. Ireland** **2004-2014**

- Conceptualised brochure and E-commerce sites, developed and deployed hosting of sites to AWS.
- Persuaded clients to switch from expensive paper Ads to online google Adwords campaigns and SEO resulting in Increased revenue.
- Created responsive websites for over 40 clients, ranged from small to medium, using Javascript, Typo3, Joomla, Wordpress, Zencart, HTML, CSS & Photoshop. Was involved in pre-sales, website design, wireframes, development and deployment to AWS, and carried out customer on-site training.

APPS

[RealUp](#)

- Hackathon winning Imposter Syndrome ReactJS App developed rapidly with a team of momscancoders. Daily standups, Slack and Trello for remote project management.
- Created the react scaffolding and reusable component architecture. Implemented the first landing pages, created the button component added to every page passing props for style, text and onclick actions.
- Established a GIT strategy for the team some of whom had never used git before.
- Created a Hybrid Android APK binary of the App using Cordova tool.
- Coached newbie coders on CSS, HTML, debugging/browser dev tools, git, react and trello.

Data Visualisation Component

- An SVG JS Angular App : 100% hand rolled to reduce 3rd party dependencies. built with a custom Graph service to calculate algorithms, dynamically updated with RESTful fetch service. Each graph can be dynamically styled, renders multiple datasets and chart types simultaneously, tooltips, click events to extract data on each element of the graph.
- 100% Test code coverage Unit Tests: using Karma & Jasmine. End to End tests using Cypress.

ChatterDox:

- An IBM Watson AI speech to text Children's Story generating App.
- Lead dev in an Agile team. Built with React, Axios, Node, Express and Mongoose/MongoDB.
- API's I integrated with were IBM Watson AI, Google Drive upload of stories and Auth02 login.
- I also Implemented the Express Route API's for CRUD to MongoDB & the AXIOS REST requests on the client side.
- Analysed and extracted continuous 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

- An event management system with user login created in HandlebarsJS.
- Conceptualised project vision & requirements. An agile team with standups & code reviews.
- Implemented the functionality for User Profile CRUD : **Client side** HTML5, CSS3, HandlebarsJS, Materialise, JS, JQuery, AJAX RESTful calls. **Server side:** Node, Express Route API's & MySQL sequelize components.
- Established & trained team on unit testing to increase coverage, followed TDD best practices - Mocha with Proxyquire Unit Testing of express routes, and BDD - Cucumber/ Gherkin.
- Github for source code, Trello for task management, Heroku for deployment, Slack for team communication.

ADDITIONAL EXPERIENCE

- **SAP Basis Administrator Caltex Australia Sydney** 2002 – 2003
Contract. Admin of ERP 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