

# Louise Fitzpatrick Hayes - Full Stack Developer

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Motivated, enthusiastic Fullstack Javascript Programmer. Competent to code in any phase of project from ideation to deployment in an Agile method. Experienced in JS/React/Angular/mysql/Mongo/HTML/CSS/Node/Express/Mocha/Karma/Cypress/Git/Bitbucket.

## **EXPERIENCE**

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### **Recent U.S. Freelance Projects:**

#### **-JS (Vue): Oct-Nov 2018**

- Developed Javascript Vue components for a local Portsmouth Marketing company [Franchise Business Review](#) : added functionality to their in-house apps to replace legacy systems, integrated with clouinary API, created vue js modals and built a Toast UI editor

#### **--JS (Mendix) June-Sep 2018**

- Built a technical partnership between [Mendix](#) in Boston, and [Robosoft](#), a leading software firm building up a base in the US. Held workshops in Mendix Boston office, working with senior developers, to facilitate upcoming Robosoft projects.
- Obtained Mendix Rapid Dev Cert & developed Rapid Apps in Mendix & JS using JS custom widget dev kit.

#### **-JS (Angular) contract March 2018 - June 2018.**

- Developed a data visualization [Angular](#) Chart Component as part of an agile team with [Mobile Programming LLC](#) for a leading pharmaceutical client based in Boston. Component can be white-labeled and added to any Angular App in few lines of code. Handles multiple concurrent 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).

### **Freelance Projects in Ireland:**

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

- Wrote PHP scripts on daily basis to manipulate files and upload products to a mysql database, convert the data and extract it for import into the online store.
- Developed user centric promotional landing pages on [theLoop.ie](http://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 Developer and Director Deewhy Ltd. Ireland 2004-2014**

- Conceptualised brochure websites and E-commerce sites and managed the hosting of sites.
- Persuaded clients to switch from traditional more expensive paper Ads to online marketing, google Adwords campaigns and SEO activities. Implemented online campaigns resulting in Increased revenue.
- Created responsive websites for over 40 clients, 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.

## **Sample APPS**

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### **Angular: Data Visualisation Component <https://angular5chartsvg.herokuapp.com/>**

- 100% hand rolled to reduce 3rd party library dependencies. An SVG JS Angular App 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. Tests 100% code coverage Karma, Jasmine & Cypress.

### **React: ChatterDox: School Reading Lab: <https://chatterdox.herokuapp.com/>**

- Created a React IBM Watson (speech to text) Children's Story generating App - lead dev in an agile team, **Stack:** React JS, Axios, Node JS, Express and MongoDB. API's: Google Drive and Auth02 API for login and upload to google.
- Persuaded local elementary schools 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.
- Implemented the Express Route API's for CRUD to MongoDB & REST requests from the client.
- Analysed and extracted continuous data stream from IBM Watson, implemented local file download functionality, installed google drive API, google OAuth2 login, and React Component filesystem setup. Added Modals functionality with React Material.

#### **Handlebars JS: Event Monster** PTA Parent Portal <https://eventmonster.herokuapp.com/>

- 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 testing to increase coverage, followed TDD best practices - Mocha with Proxyquire Unit Testing of express routes, and BDD - Cucumber/ Gherkin.

#### **JS: TheLoop** <https://TheLoop.ie> Airport E-Commerce Store

Developed CSS HTML & Javascript landing pages to drive user clicks and increase store purchases. Automated stock upload using JS & PHP MySQL scripts of multi-vendor data using phpMyadmin.

### **ADDITIONAL EXPERIENCE**

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- **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 response of 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.

### **PROFICIENT COMPETENCIES**

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HTML5, CSS3, SVG, Bootstrap, Materialize	React/Angular/Vue
Javascript, ES6, JQuery,	Unix/Linux
NPM, Node.js, Handlebars JS	mySQL, MongoDB, Firebase, Oracle
Git/BitBucket	AWS, Heroku
mongoose, sequelize	Mendix PAAS
Mocha, Karma, Jasmine, Cucumber, Gherkin, Cypress	
Agile/Jira/Trello	

### **EDUCATION**

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<b>Mendix, Boston, MA</b> <i>Rapid Developer Certification</i>	2018
<b>University New Hampshire, Durham, NH</b> <i>6 mth p/time Coding Program</i>	2017
<b>Galway Regional Technical College, Co. Galway, Ireland</b> <i>3 yr f/time CS degree</i>	1993-1996