Louise Fitzpatrick Hayes - Full Stack Developer

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Motivated, enthusiastic fullstack Javascript MERN / MEAN 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. Passionate about unit testing. Looking for a full time or contract dev role remote or local to Portsmouth.

EXPERIENCE_____

JS (Vue): contract 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 cloudinary API, created vue js modals and built a Toast UI editor in Vue/JS/PHP/Nova/Laravel/PHP.

Mendix Rapid Developer contract June-Sep 2018
- Built a technical partnership between Mendix in Boston, and Robosoft,a leading Indian software firm building up a base in the US. Held workshops in Mendix Boston office, working with Mendix senior developers, to facilitate upcoming Robosoft projects.
- Obtained Mendix Rapid Dev Cert, & Trained a team of developers of Robosoft Technologies in Mendix to certification level.

JS (Angular) contract March 2018 - June 2018.
- Developed a data visualization Angular Component as part of an agile team with Mobile Programming LLC for a leading pharmaceutical client based in Boston. Component can be whitelabeled 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% hand rolled.
- Developed in an Agile team. 100% Code Coverage via Unit Tests (Karma, Jasmine) and End to End Tests (Cypress).

JS Developer - Dublin Airport Authority, Ireland 2012-2015
- Automated manual process of product refresh by developing scripts in PHP and mySQL to handle large quantities of vendor product lines to a deadline, improving vendor relations and online purchases.
- 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 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. Carried out AWS server side admin tasks.

APPS _____

Data Visualisation / Chart Component https://angular5chartsvg.herokuapp.com/
- 100% hand rolled SVG JS Angular App built with a custom Graph service to calculate algorithms, dynamically updated with RESTful fetch service, each graph is 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.

ChatterDox: School Reading Lab: https://chatterdox.herokuapp.com/
- Created a React IBM Watson (speech to text) Children's Story generating App - worked in an agile team, using React JS, Axios,Node JS, Express and MongoDB. Google Drive and Auth02 API for content sharing.

- 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.
- Led the Agile Project with daily standups and regular code reviews.
- Implemented the Express Route API's for CRUD to MongoDB and corresponding RESTful Axios calls 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.

Event Monster PTA Parent Portal https://eventmonster.herokuapp.com/
- Conceptualised the project vision and requirements. Part of an agile team with daily standups and regular code reviews.
- Implemented the functionality for the User Profile feature : Client side HTML5, CSS3, HandlebarsJS, Materialise, JS, JQuery, AJAX RESTful calls. Server side :Node, Express Route API's & sequelize components.
- Created Node Express Route API's for the app with sequelize for mySQL.
- Established testing, followed TDD best practices - Mocha with ProxyQuire Unit Testing of express routes, and BDD - Cucumber/ Gherkin BDC.
- Demonstrated tests to team which lead to increased coverage.

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 scripts of multi-vendor data using mySQL database.

ADDITIONAL EXPERIENCE _____

- **Caltex Australia Sydney** SAP Basis Administrator   2002 – 2003
  Contract. Admin of ERP SAP in house system, Oracle DB Admin, SAP Upgrade, Performance Tuning. Responsible for 24*7 response of critical systems, ensured minimal downtime and optimal running of large inhouse SAP system. Resolved system outages.
- **Hewlett Packard - Dublin, Ireland,** SAP Basis Administrator   1999-2001
  Supported the outsourced SAP client systems as part of the HP SAP team in Germany. Installed and upgraded SAP critical systems on multiple OS and DB platforms. Handled complex operating system issues, performed technical steps to ensure the architecture supported the platform optimally.
- **SAP - Dublin, Ireland:** SAP Basis Administrator   1997-1999
  Monitored and managed SAP UNIX and NT servers, Oracle DB systems, customized ABAP reports, provided technical support, carried out performance tuning, Installations, & Upgrades.
- **Walsh Western International Freight Company** Cobol Programmer   1996-1997
  Supported the business freight management, improving the system according to the weekly meetings with various heads of departments.

PROFICIENT COMPETENCIES _____

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

EDUCATION _____

Mendix, **Boston**, **MA** *Rapid Developer Certification*   2018

University New Hampshire, Durham, NH *UNH Coding Program* 2017

Galway Regional Technical College, Co. Galway, Ireland 1993-1996
Computer Science Degree