

Louise Fitzpatrick Hayes- Full Stack Developer

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Web developer with a 20 year background in web development roles: PHP and mySQL based Ecommerce systems, multi-platform SAP system installations and upgrades, HTML and CSS, Joomla, Wordpress, NopCommerce web content management. Most Recently building sophisticated websites utilizing Bootstrap, Materialize, Handlebars JS, Node JS, Sequelize, MongoDB, Firebase, Express, and JavaScript to provide front end users with a responsive design. Adept at working in diverse teams to deploy Agile projects. Specialising in Unit Testing (Mocha) and Behaviour Driven code (Cucumber/ Gherkin).

EDUCATION

University New Hampshire, Durham, NH

Sep 2017 - March 2018

UNH Coding Program - JavaScript Full Stack Web Development

An 24-week practical in class program focused on latest new frameworks and technologies. Skills consisted of HTML5, CSS3, Javascript, JQuery, Cordova, Bootstrap, Materialize, Firebase, Node Js, MySQL, Sequelize, MongoDB, Express, Handlebars JS, React Js & Agile. Deploying web applications regularly individually and in a team.

Galway Regional Technical College, Co. Galway, Ireland

1993-1996

A three-year full-time Bachelor's Degree in Computer Programming and Systems Analysis focused on Basic, Cobol, Pascal, C, C++, Computer Science theory.

FULLSTACK APPLICATIONS

BUILT

ChatterDox: <https://chatterdox.herokuapp.com/>

Git: <https://github.com/peraltot/Project-3-Speech>

- Team project: Tasks included extracting continuous audio JSON object from Watson API and implementing CRUD using React JS - Axios - Express Routing and Mongo DB. Also responsible for Google Drive and Auth02 API setup and integration.
- A React MERN App using IBM's Watson API (speech to text) technology and Google Drive and Auth02 API.
- A school reading Lab tool, to be used by students during reading labs, to record, save, email and upload Stories to google drive.

Event Monster <https://eventmonster.herokuapp.com/>

Git: <https://louise-hayes.github.io/Event-Monster/>

Login with 'admin@admin.com' and password 'admin', user@user.com password 'user'

- A Full Stack MVC Javascript App utilising Facebook Autho, node JS, Handlebars JS, Sequelize, Materialize CSS, HTML, Mocha Unit Testing, Cucumber/ Gherkin Behaviour Driven Code.
- A PTA Parent Portal to allow volunteers to sign up to school events. Team Project of 4 people.

- Responsible for the Project Vision and Requirements Spec, User Creation and Find feature top to toe, including Handlebars Modals, JQuery events, AJAX API calls and Express Route and SequelizeDB functions. Also implemented the Express Routes for all features, Express Route Unit Testing using Proxyquire and Mocha, Cucumber Tests, date formatting.

Hangman Game. <https://louise-hayes.github.io/Hangman/>

- **Dynamically generated HTML with Javascript and Bootstrap.**
- The app randomly picks a word from an array, and the user has to guess which word the app chose. The user is presented with the total score which persists between games, and game status which is reset automatically after each game. The game auto restarts after each win or loss. CSS animation is used to represent the lives lost per game.

Burger App <https://warm-cliffs-18252.herokuapp.com/>

- A Full Stack MVC Javascript, node.js, Express, **Handlebars** App deployed on Heroku, with a **custom built ORM** to map to mySQL DB . Also implemented Mocha Unit tests to test ORM find and update functions.

Friend Finder App

<https://secret-mesa-65524.herokuapp.com/>

- **Javascript, HTML, CSS, Node JS and Express** 'Friend Finding' App. This full-stack client-server application is hosted on **Heroku**.
- It takes in results from a users survey, then compares their answers with those from other users. The app then displays the name and picture of the user with the best overall match based on a scoring algorithm.
- Utilises **Mocha Unit tests** to test utility functions to find a match.

On This Date Weather News App

- Implemented with **Bootstrap, HTML, Javascript, JQuery & AJAX API** requests to access NY-Times and Weather API's. It persists search keywords in a noSQL **Firestore** Database. It also utilises an **Android Cordova technology** to run as an Android App.
- A Web App that takes in a date and location, and returns the weather and news for that past date from 1900-2017..
- Back-End Full Stack Developer in a team of 4. Responsible for : NY Times API function, date validation, user input validation and Cordova Android build.
- <https://jkltroth.github.io/Project1JKLP/>

Liri node command line app using Spotify, Twitter and OMDb API node.js npm modules <https://github.com/louise-hayes/liri-node-app>

- LIRI is a Language Interpretation and Recognition Interface somewhat like iPhones SIRI.
- It is a command line Node.js App that takes in parameters and returns back data. This App displays latest tweets, song and movie information using the spotify, omdb via request and twitter node npm modules.

Train Time <https://louise-hayes.github.io/trainTime/>

- Built using **Javascript, HTML, CSS, Bootstrap and noSQL DB Firestore** to host arrival and departure data.
- A Train Schedule Tracker made for a train station with routine daily train times. Presents users with an interface which displays trains and start times and frequency, and allows the addition of new trains.

WEB SITES

TheLoop E-Commerce Site <https://TheLoop.ie>

- 4 year part time consultancy role for a large Ecommerce site for the Irish Government: DAA (Dublin Airport Authority), Ireland.
- Duties involved initial design of upload template based on Database Analysis of NopCommerce and client requirements.
- PHP scripting to process 50+ vendor data files, populate mySQL database to produce import file for theloop.ie.
- NopCommerce content duties using HTML and CSS landing pages development.
- Front and Backend Development Role using HTML, CSS, PHP, mySQL and NopCommerce.

Dimples Baby Massage <http://www.dimplesbabymassage.com/>

- A site built in Type03 - a PHP based Content Management System - CSS and HTML Frontend development role with Javascript.

RELEVANT EXPERIENCE

Website Developer and Director of Deewhy Ltd. in Ireland 2008-2015

- Ran the business with 50+ clients. carried out sales, implementing the site, creating landing pages, training, Demos, wireframes of mainly brochure and Ecommerce websites.
- Tasks included CSS ,HTML, Javascript, PHP, mySQL, front and backend development for sites with and without a CMS such as Joomla, Wordpress, NopCommerce, Typ03, photoshop.

ADDITIONAL WORK EXPERIENCE

- **Caltex Australia Sydney** 2002 – 2003
SAP Basis Administrator
Admin of in house large ERP SAP system, Oracle DB Admin, SAP Upgrade, Performance Tuning. A temporary role for 9 months to cover maternity leave.
- **Hewlett Packard Dublin, Ireland** 1999-2001
SAP Basis Administrator
Travelled to Germany to work with HP and look after outsourced SAP client systems in the Upgrade Team, installing and upgrading SAP on multiple OS and DB platforms.
- **SAP ABAP Basis Developer and Administrator** 1997-1999
Admin of UNIX and NT servers, Oracle DB systems, ABAP language, technical support solving, performance tuning, Installations, Upgrades.
- **Walsh Western International Freight Company** 1996-1997
Cobol Programmer for the in-house freight management system.

PROFICIENT COMPETENCIES

HTML	Typo3
CSS, Bootstrap, Materialize	PHP
Javascript, JQuery	Unix/Linux
Node.js	NopCommerce/Joomla/WordPress/ZenCart
mySQL & noSQL/Firebase	Agile/Trello
Handlebars JS	Git
Mocha, Karma	Heroku

Cucumber.Gherkin

React