Richard **McKenzie**

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EXPERIENCE

iRhythm   August 2018 – Present
Staff Front-end Software Engineer

- Lead a team to build initial prototype for a single-page application that displays ECG heart monitoring. This work led to the TraceQA project, in which we built an online portal for clinicians to visualize and verify heart defects. This portal was built using several libraries, including Angular 2+, Canvas, IndexedDB, Material, and NgRx.
- Built from ground-up and maintained a single-page application using Angular 2+ for an online portal (ZioSuite) that medical practitioners use to access and manage patient data received from iRhythm heart monitor.
- Created and maintained an HTML email template framework, which was built using Node, Grunt, Handlebars, and Assemble IO. This framework builds HTML email templates for the company so that they render correctly and consistently across all email clients.

Defakto   June 2015 – August 2018
Senior Developer

Defak.to

- Built front-end framework using Gulp, Javascript, JQuery, Handlebars, and Assemble IO. Developed server-side contact form API that integrated with HubSpot API using Vagrant, PHP, and Slim.

Hitachi

- Developed for Lexus Racing a single-page dynamically data-driven application framework and functionality using Gulp, Backbone, Handlebars, Assemble IO, JQuery, FullPage, and Slick.
- Built for Lexus an online credit application using Grunt, Backbone, Handlebars, Assemble IO, and SASS.
- Developed for Lexus Tuned Cars a framework that connects to Lexus API using Grunt, Backbone, Handlebars, Assemble IO, and SASS.
- Created for Lexus a communications preferences page using Grunt, JQuery, Handlebars, Assemble IO, and SASS.
- Developed for Lexus a document CMS using Angular 4.

Charter/Spectrum Navisite

- Maintained U.S. and U.K. drupal websites, and migrated websites from Ubuntu servers to RedHat servers.

TimeWarner Cable

- Created responsive emails based on Photoshop designs using Grunt, Handlebars, Assemble IO, HTML, and SASS. All templates were tested in 15 or more email clients, including mobile devices.
- Developed interactive quizzes using Grunt, Handlebars, Json, HTML, CSS, and JQuery.

American Eagle

- Developed for company clients prototype templates based on Photoshop using Grunt, Handlebars, Assemble IO, HTML, SASS, and JQuery.

Abilene Christian University

- Built and maintained Python script to parse CSV data drops and push that data to the canvas API. This enabled course creation and enrollment functionality.

Renewable Energy World   Jun 2008 – Oct 2014
Lead Developer

RenewableEnergyWorld.com

- Lead full website redevelopment, which included transition to responsive design, Struts 2, Hibernate, and Spring.
- Maintained all aspects of the original website. Executed frontend and backend development using Java, Struts 1.3, Tiles, Torque, JSP, JSTL, HTML, CSS, JQuery, and MySQL.
- Developed company weekly newsletter using HTML, CSS, XML, XSLT, and XPATH.
- Developed client email blasts using HTML and CSS.

Solar Power International

- Built and maintained custom PHP CMS website.

Solar Nation

- Built and maintained a WordPress website.

Salwen Designs   Jan 2010 – Dec 2010
Freelance Developer

Salwen.net

- Worked with a designer to convert Photoshop designs into interactive websites.

TECHNICAL SKILLS

Front-end Web Development
Including, but not limited to:
Angular 2+, HTML, CSS, SASS, Responsive, Foundation, Bootstrap, Vanilla Javascript, NPM, Typescript, JQuery, MooTools, Scriptaculous, Grunt, Gulp, Jasmine, Karma, Backbone, AJAX, Handlebars, Assemble IO, responsive email development

Back-end Web Development
JAVA
Struts 1 and 2, Torque, Groovy, Skala, Clojure, Tiles, JSP, JSTL, Spring, Hibernate
PHP
WordPress, Joomla, Propel, CodeIgniter, Drupal, Pear
Lumen
Python

MySQL

Version Control
CVS, Git

EDUCATION

Keene State College   2007 – 2008
Computer Science

REFRENCES

References available upon request.