

Neil Kistner

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EXPERIENCE

Software Engineer

September 2015 – Present

Monsanto – St. Louis, MO

- Built an application using React & Redux for the analytics team to run their models through. Application was heavy card layouts that had dynamic, configurable fields to change the model before execution. After the project was complete, I extracted the card component to a separate module and published to our internal npm registry.
- Embedded onto another team for 6 weeks to help get their project off the ground using React & Redux. Team was new to React and unfamiliar with Redux. I conducted a few learning sessions and we pair/mobbed programmed to help with the learning experience.
- Rewrote a message/task application from Backbone into React and Redux. Improve load time and overall experience with added infinite scroll instead of loading everything upfront. Setup Jenkins build to do deployments via Cloud Foundry. Bundled using Webpack.
- Rewrote a self-service navigation menu editor in React & Redux. Implemented Ace editor for making JSON updates easily. Performed schema validation along with custom field level validation as you type in the editor. Also displays a live preview of changes to the menu next to the editor that changes as you type. Bundled with Webpack and deployed with Jenkins via Cloud Foundry. Built some API methods in Node that proxy to a CouchDB.
- Innovation Day projects: Learn Elm & Haskell. Rewrite existing Node API to Go.

Senior Front-End Engineer

December 2013 – September 2015

Safety National – St. Louis, MO

- Put together a build system for SASS/JS. Currently use Grunt with r.js to concatenate all JavaScript files together and minify. Also, compiles Sass to CSS and minifies.
- Built an internal library that receives configuration from an API call and builds out HTML on the page using custom templates. Also, has the ability to wire up configurable events.
- Built an automatic model binding utility for Stickit. It will loop over the model properties and dynamically build the bindings for Stickit to use.
- Built a handful of custom Stickit bindings to set up our controls in a standard way.
- Built a custom wrapper around SlickGrid that we use to set up our grids in a standard way. This is also customizable based on configuration options.

Senior Web Application Developer

February 2012 – December 2013

SteadyRain – St. Louis, MO

- Develop custom DotNetNuke solutions in C#.NET.
- Use ASP.NET MVC3 with C#.NET to build mobile web applications.
- Maintain existing websites in ASP.NET with VB.NET/C#.NET code behinds.

- Build data access layer classes to interact with tables, views, and call stored procedures in Microsoft SQL databases.
- Use Entity Framework 4 to interact with the SQL database.
- Use WebAPI with Entity Framework Code First for a nice user experience.
- Set up local development environments in IIS.
- Manage all code through TortoiseHG and Kiln.
- Use FogBugz to handle all bugs and tasks in all the different projects.
- Write detailed coding specs on projects before coding begins.
- Adequately price out the amount of hours it will take to complete a project.
- Participate in code reviews that are assigned and performed through Kiln.
- Work fast and efficiently to come in on time and under budget on hours.

Web Developer

April 2011 – February 2012

CSC – Fairview Heights, IL

- Maintained current application based on classic ASP and JavaScript with an Oracle back-end.
- Provided all coding when a new page is required to be added to the application. Integrated the new page into the proper position for the flow of the application.
- Maintained cross-browser compatibility for all changes/additions made to the application. This included Internet Explorer 7 and Firefox 4.
- Used Firebug to debug quirky JavaScript errors, when present.
- Rewrote the 'Getting Started' page to have a table-less design.

Application Developer

March 2007 – March 2011

Panera Bread – St. Louis, MO

- Performed maintenance and feature enhancements to current applications coded in VB.NET using Visual Studio 2005 and .NET Framework 2.0. Most applications interacted with either SQL Server 2000/2005 or Microsoft Access databases.
- Upgraded legacy applications from VB6 to VB.NET.
- Created nutrition label using HTML and CSS which pulled information from SQL Server 2005 through ASP.NET 1.1.
- Worked with the lead developer to create a back-end application to inject online order data from an XML file into the POS system using the custom POI (API) provided by the POS vendor.
- Created an application that used stored procedures in SQL Server 2000/2005 database to create a unified extract containing all sales data.
- Created an application using .NET Framework 1.1 that could run on the registers and allow for new opening cafes to complete their E-Learning courses and tests. This application also contained an administrator section for the manager to use to add/edit associates, check progress and send the results back to the data center to be loaded into Oracle.

EDUCATION

ITT Technical Institute

June 2003 – July 2005

Arnold, MO

- Degree: AAS, Software Applications & Programming