DEREK R. DRILL

Address: 327 W Tremont Ave, Unit 322, Charlotte, NC 28203
Cell: (301) 481-7288
Email: derekrdrill@gmail.com
LinkedIn: linkedin.com/in/derek-drill
Github: github.com/derekrdrill
Website: derekdrill.com

TECHNICAL SKILLS

- 6 years Web Development Technologies, including:
    - **HTML**, **CSS**, **JavaScript**, **Typescript**, **React**, **React Hooks**, **React Context, Redux**, **Node.js**, **Axios**, **Styled Components**, **Jest**, **React Testing Library**, **Enzyme**, **Cypress**, **NPM**, **Yarn**, **Git** (*Bitbucket* and *Github*)
- 6 years developing in Visual Studio Code
- 6 years database experience including:
    - **Microsoft SQL Server**, **MongoDB** , **Oracle** and **Redshift**
- Deploying React apps with **Webpack** and **Vercel**
- Building responsive, data-driven web-applications
- Delivering quality solutions that directly reflect **Figma** specs
- Ensuring all code is appropriately covered with **Jest** and **React Testing Library** unit testing
- Always driven to lead the charge on code-quality and modern best-practices
- Clearly communicating and collaborating within an agile dev-team

PROFESSIONAL EXPERIENCE

Lowe's Companies Inc. - Charlotte, NC   **May 2022 - Present**
Software Engineer

Works on the development team responsible for providing web solutions to internal teams based on business needs. One of the heavier projects involves building a React application for users in the Finance department that integrates all of the tools they use in one place. The UX/UI design team thoughtfully scopes out all interactions, and it is the responsibility of myself and others on the team to deliver those specifications. In this project, I am the feature owner of all infrastructure changes, meaning I will have final say over code and unit test changes that affect the overall infrastructure of the application. This responsibility was given to me after continually displaying to the team my passion for maintaining code quality by building clean/concise data-driven and test-driven React components that accurately meet the Figma specifications. The following technologies are utilized:

- **VS Code**, **React JS**, **Webpack**, **Styled-Components**, **Jest**, **Cypress**, **ES Lint**, **Prettier**, **Jenkins**, **Bitbucket**, **Jira**, **Confluence**, **Node**, **Express**, **Figma**

IMPLAN - Huntersville, NC   **February 2021 - May 2022**
Front End/BI Developer

Works on the development team responsible for building, enhancing and maintaining the IMPLAN App, a web application that reports economic data and impacts across regions. There are two primary roles to this position. The first responsibility is to work with the front end team to assist with code refactors, bug fixes and new features. This is a React application, so it is imperative to be versed in building dynamic TSX components. Material UI and Styled Components are also heavily utilized. The second responsibility is to develop and maintain data visualizations and dashboards that are embedded throughout the app. The business intelligence tool used to develop these is Looker, a Google BI product. To be successful in using Looker, one must be versed in SQL, as well as LookML, Looker's markup language for building dynamic dashboards. The following technologies/skills utilized:

- **React Typescript**, with heavy utilization of the following: **Material UI**, **Styled Components and React Maps**
- The ability to write/interpret complex **SQL** (Using **Redshift** as a data warehouse)

SOFTDOCS, INC. - Columbia, SC   May 2019 - February 2021
Business Solutions Consultant

Works with educational institutions to assist them in analyzing the use-cases of their paper-processes, to then be responsible for building them web-forms to fit their needs. In this position, it is imperative to be skilled at collaborating with people, interpreting their custom use-cases/needs, while also being technically savvy and capable of delivering solutions to fulfill those needs. Clients could have any amount of paper processes they would like transitioned into web-forms; building these web solutions involves:

- Utilizing **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **jQuery**, **jQuery-UI** and **Knockout.js**
- Writing **SQL** to a client's ERP database (typically **SQL Server** or **Oracle**) , to integrate data into the form(s), enhancing the form's end-use and data-validation
- Building and deploying reusable solutions to the company's CDN (**Knockout.js custom-bindings, Webpack**) to continuously improve the library of bindings available to be built into the web-forms

BAE SYSTEMS – California, MD   July 2017 - April 2019
Web Application Developer II

Designs, enhances, and troubleshoots the main ERP system utilized for tracking and reporting the data of parts that are shipped in, shipped out and moved about the facilities. Other smaller-scale applications may be required for development, based on the use-cases of different departments. The technologies and skill sets utilized in this position include:

- Utilizing web-technologies such as **ASP.Net**, **HTML**, **CSS**, **JavaScript**, **jQuery**, **Bootstrap**
- Designing the **SQL Server** data tables used for the back end, while utilizing stored procedures, server-side logic, and client-side logic to manipulate that data (**SQL**, **Node.js** and **VB.Net**)
- Keeping applications compliant with current regulations, and developing new applications to fulfill new needs

EDUCATION

Bachelor of Science in Information Systems
Salisbury University – Salisbury, MD – May 2016