

AARON KENDRICK

SOFTWARE DEVELOPER

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Experience

Chevron Oil & Gas Software Developer (Contract) December 2019 - February 2020

Drilling and Completions Systems Lab Team

Worked as a developer within a multidisciplinary team modeling D&C operations as a computational knowledge graph using the Maana platform

- Developed and deployed a web application (React/Styled Components/Azure) using GraphQL to query MaanaQ / Also implemented Autho Universal Login authentication
- Developed and deployed Node.js micro-services mapping data from various data sources/formats to a specified GraphQL schema

The Home Depot E-Commerce Software Developer

October 2018 - November 2019

Measure and Install (MANDI)

Developing Software to facilitate Home Depot's professional measurement and installation program

- Delivered a greenfield .NET Core back-end replacing HD's existing system supporting shopping for/purchasing MANDI services / Also performed extensive refactoring of the blinds.com web UI (React/Redux/Styled Components) to accompany the new back-end
- Migrated HD's MANDI job system from SQLServer/REST API to Firebase Firestore/GraphQL API increasing system performance and giving HD the confidence to extend the MANDI program coverage from 20% to 60% of the United States
- Built a NodeJS/Express REST API used by 3rd party MANDI Service Providers to read/write HD MANDI job data from their software
- Deployed a machine learning model using AWS Sagemaker/Lambda/API Gateway whose inference data helps significantly reduce the MANDI process cylce time

SmartVault Cloud document management Software Developer

August 2014 - May 2018

Product Team

Part of a team of developers practicing Agile/SCRUM methodology with 2 week sprints and monthly releases

- Porting legacy ASP.NET/C# client functionality into SmartVault's recently developed AngularJS client
- Building customer facing UI for SmartVaults Windows Desktop client (C#/WinForms) and Javascript web client (AngularJS)
- Optimized/re-worked several SmartVault application workflows including SV's Windows Desktop client "Send to Support", "Simple-View" files and folders view (AngularJS), and "Seasonal user licenses"
- Introduced several SmartVault features including a special "Services-User" user type, custom portal branding, and PDF encryption
- Increased SV's AngularJS client unit test coverage from approx. 30 - 90% via javascript testing using JasmineJS/Karma

<i>Technical</i>	HTML/CSS	C#/.NET	GIT/Mercurial
	Javascript/TypeScript	SQLServer/MySQL	Docker
	React/Redux	Jest/NUnit	AWS
	Node.JS/Express	Firebase Firestore	GraphQL/REST

Education University of Wisconsin-Milwaukee
B. S. Information Science and Technology, 2013