

# 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 Auth0 Universal Login authentication
- Developed and deployed Node.js micro-services mapping data from various data sources/formats to a specified GraphQL schema

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**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/RPC 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 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 cycle time

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**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
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## *Technical*

|                       |                    |                  |
|-----------------------|--------------------|------------------|
| HTML/CSS              | C#/.NET            | GIT/Mercurial    |
| Javascript/TypeScript | SQLServer/MySQL    | Docker           |
| React/Redux           | Jest/Unit          | AWS              |
| Node.JS/Express       | Firebase Firestore | GraphQL/REST/RPC |

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## *Education*

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