

AARON KENDRICK

SOFTWARE DEVELOPER

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Experience

Woodforest National Bank Banking
Software Developer

September 2023 - Current

Project Everest / Sustainment team

Part of the project Everest initiative which is a massive migration of the bank's core banking infrastructure from BANCLINE (Foundation 1.0) to Finxact (Foundation 2.0). Also a member of the sustainment team which develops WNB's portfolio of enterprise applications.

- Authored the Foundation 2.0 SDK (.NET Standard 2.0) utilized by WNB's enterprise applications to communicate with the bank's new core banking platform Finxact via the Foundation 2.0 API.
- Lead developer of WNB's Branch Services application (ASP.NET Core Blazor) which is used to create, schedule and display internal bank events (holidays, promotions etc.) across WNB branches nationwide.
- Maintained WNB's portfolio of enterprise applications which span a variety of technologies including React.js, Angular and ASP.NET Web Forms.

Identity Automation Digital Identity Management
Software Developer

November 2021 - February 2023

Product Team

Fullstack development of RapidIdentity, Identity Automation's flagship IAM platform

- Implemented exponential back-off on failed authentication attempts across all of RapidIdentity's authentication types (user/pass, pictograph, DUO, QR, SMS, etc) used to help thwart malicious actors
- Added the ability to test connections/validate configurations for RI Studio consumer and producer applications over a variety of protocols including HTTPS, S3, FTP, FTPS and SFTP
- Overhauled RI's role sync scheduler to use a cron expression instead of the timestamp of the last run in order to maintain a consistent sync schedule
- Implemented a REST service (Java/JAX-RS) based on the IMS OneRoster 1.2 specification used to exchange student data (people, enrollments, courses, etc) between RapidIdentity and Student Information Systems
- Developed/deployed greenfield JavaScript/Ember Octane SPA for IA's new IDHub product. Also supported legacy Ember apps
- Automated back-end infrastructure provisioning for the IDHub project using Terraform and setup CI/CD pipelines

Schumacher Clinical Partners Health Care
Software Developer (Contract)

September 2020 - October 2021

Web Services Team

Developing SCP's provider portal software which encompasses scheduling, reporting, training, medical coding/billing, provider credentialing and more

- Rebuilt SCP's Medical Director reporting system migrating from a third party form creation/entry service (Jotform) to a custom solution using React-Hook-Forms and a GraphQL/Postgres back-end. The system includes an approval workflow with various form states, notifications and file-uploads/downloads (AWS S3)

- Built a C#/.NET console application which authenticates with / queries the Workday Adaptive Planning API to pull account information for SCP's Business Intelligence team. Also utilized the .NET XML API to transform the API response to be consumed by BI
- Developed custom Excel Workbook sheets with color coded Medical Director report status data using ExcelJS along with the ability to download them via SCP's provider portal
- Built several pages used by providers to view facility/report data with extensive filtering capabilities using React with accompanying GraphQL resolvers/types

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

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

Technical

| | | |
|------------------------|---------------------------|-------------------|
| HTML/CSS/SASS | C#/.NET | GIT/Gitlab/Github |
| Javascript/TypeScript | Java/Spring | Docker/Kubernetes |
| React/Angular/Ember.js | EntityFramework/Hibernate | AWS/Azure/GCP |
| Jest/NUnit/JUnit | SQLServer/MySQL/Postgres | Terraform |
| Node.JS/Express | RabbitMQ | GraphQL/REST/RPC |

Education

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