

# Matthew Kincaid

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## EXPERIENCE

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### Full-Stack Web Developer

March 2022 – January 2024

#### *Q2 Strategies*

- Collaborated closely in an Agile team on a project for Bank of New York - Mellon to deliver a responsive, maintainable and scalable single-page application (SPA).
- Leveraged over 3 years of experience with Angular and SQL, to assist in the upgrade of a legacy application with thousands of daily active users.
- Performed code reviews to ensure incoming changes were up to code quality standards and appropriately covered the issue related to the pull request.
- Designed early mock-ups with Figma, and scaffolding in Angular, to assist with preliminary development and to answer design questions related to new features.
- Worked with Angular reactive forms and template-driven forms to build out a data entry system to allow users to create, update and assign records in the application.
- Engineered SQL tables to facilitate desired data structure, and store user generated records. Utilized primary keys and foreign keys to link new database tables to legacy database tables. Implemented SQL triggers to accurately and efficiently handle new and updated records.
- Authored a custom decorator in Angular to automatically populate audit data in a database. The abstraction and implementation of this custom decorator led to overall cleaner and more maintainable code throughout the application.
- Created a SQL script utilizing common table expressions (CTEs) in order to find unneeded duplicate records and appropriately dispose of them.
- Spearheaded the team migration from Nexus Repository to JFrog Artifactory as part of a company wide migration.
- Responsible for the creation of custom Ansible playbooks, written in YAML, to facilitate the promotion of API service files to higher level environments. These playbooks enabled more efficient API service updates with less rollbacks and higher precision.

### Full-Stack Web Developer

June 2019 – March 2022

#### *State of Michigan - DTMB*

*Lansing, MI*

### Student Web Developer

Sept 2018 - June 2019

#### *State of Michigan - DTMB*

*Lansing, MI*

- Worked in a fast paced Agile environment to deliver a single-page application built with Angular, C#, .NET Core and SQL.
- Implemented pre-existing Angular components to build out multiple front-end tables with pagination, filtering and sorting, with the goal of displaying data from the database.
- Engineered custom Angular components utilizing Angular framework and TypeScript, alongside template-driven forms, to allow users to comfortably and reliably enter data into the system.
- Developed a custom input control built on top of Angular Material.
- Authored domain objects using Angular to link back-end EntityModels, written with C#, to front-end properties.
- Wrote Rest APIs to facilitate and manage the exchange of data between the application and the database.
- Established repository extension methods utilizing C# and .NET to cover areas of duplicated area.
- Designed SQL tables, triggers and functions using MS SQL to facilitate the desired data structure.
- Assisted in a source control Migration from Team Foundation Server (TFS) to Git.
- Spearheaded the development of a Visual Studio Code extension using Typescript, in an effort to improve the workflow and code quality of the development team.
- Oversaw a monthly Developer Team Meeting which hosted team member led presentations and group discussions focused on development practices.

## PROJECTS

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### React Task Tracker | *React, Jest, json-server*

June 2021 – July 2021

- Developed an offline task tracker as a single-page application with React framework and json server.
- Utilized React hooks to implement functionality allowing the user to add a task, giving the option to enter a task name and date due along with the option to set a reminder.
- Expanded on the functionality further to allow the user to edit the task information and delete tasks at will.
- Leveraged the Jest testing framework to create extensive snapshot tests and unit tests.

## TECHNICAL SKILLS

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**Languages:** HTML/CSS, JavaScript, TypeScript, SQL, C#, Python, GDScript

**Technologies/Frameworks:** Angular, React, Next.js, Material-UI, Mantine, Jest, Jasmine, Node.js, RxJS, Microsoft SQL Server, EntityFramework, .NET

**Developer Tools:** Git, VS Code, Visual Studio, Unity, Godot, JIRA, Gitlab, Github, Ansible, Azure DevOps, Figma

## EDUCATION

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**Lansing Community College**

*Associate's in Business - Computer Networking and Cyber Security*

Lansing, MI

*Sept. 2015 – May 2019*