



Operational Data Management Application

Company Background

Pie's mission is to empower small businesses to thrive by making commercial insurance affordable and as easy as pie. We leverage technology to transform how small businesses buy and experience commercial insurance—starting with workers' compensation. Like our small business customers, we are a diverse team of builders, dreamers, and entrepreneurs who are driven by core values that guide every decision we make.

Problem Description

Pie Insurance maintains data stores that our applications rely on for calculations and business logic. Our operations depend on this data being accurate and up to date, therefore it gets updated often. However, the process of updating this data is painstaking and comes from disparate sources like spreadsheets or CSV files.

Project Goals Requirements

The goal of this project is to build the foundational application for allowing business associates the ability to update operational data while minimizing engineer intervention. The primary elements of this application will be:

- Front end web interface for data intake
- Backend solution for the web interface receive, validate, and process data
- Integration with other systems like GitHub (source control) and Jira (Issue/Project tracking)

Student Requirements

Team Size

3-4 students

Location

Work can be done remotely or on site at Pie's offices downtown, or a mix of remote and onsite.

Skills

Entry level, basic understanding of the following:

- Web front end UI (Javascript, HTML, UI Framework, we use Typescript/React)
- Backend server (C# or other server side language, we use C# .net core)
- Databases (SQL, no-SQL)

Student Benefits

Students will get experience working in a high growth startup environment using modern technologies and methodologies for software development. We are always looking for highly motivated individuals who love using technology to solve difficult problems.

The Students will be required to sign an Agreement that includes confidentiality provision and assigns all Intellectual Property rights in the project to the Pie Insurance.