ETHAN FREGIEN

PHONE: (715)-584-2410 | EMAIL: [ETHANFREGIEN@GMAIL.COM](mailto:ethanfregien@gmail.com) |MIDDLETON, WI (WILLING TO RELOCATE)

LINKEDIN: ETHAN-FREGIEN | GITHUB: /ETHANFREGIEN2233 | PORTFOLIO: ETHANFREGIEN.COM

INTRODUCTION 

Software Engineer with professional experience focused in full-stack development in .NET, Javascript and SQL Server. Knowledge in React.js. Experienced in working with clients to create impactful and practical business applications. Applications worked on include projects for all sides of the business. Payroll, accounting, engineering, sales and operations are departments I have worked with closely.

EXPERIENCE

CLEARY BUILDING CORP (VERONA, WI)

**Software Engineer**

* Full lifecycle application development
* Create and maintain stored procedures/tables in SQL
* Design, code and debug company ERP system in various software languages
* Software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis

NATIONAL GUARD (MADISON, WI)

**15F Aircraft Electrician**

* Diagnosed and troubleshooted malfunctions in electrical and electronic components within government aircraft.
* Successfully applied principles of electronics, hydrostatic motion, and hydraulics to repair aircraft instrument systems.
* Effectively worked with an aircraft team of 3 or more to ensure all aircraft components met safety regulations

ACADEMIC PROJECTS

THE RAFFLER

**ethanfregien2233/the-raffler |**

* Summary: A MERN application designed to host raffle giveaways
* Role: Front end react design
* Tools: MongoDB, Express, React, Node, CSS, GraphQL

CODE QUIZ

**ethanfregien2233/code-quiz |**

* Summary: A timed JavaScript quiz to test users’ knowledge in coding
* Role: Sole author
* Tools: HTML, CSS, JavaScript

REEL ROULETTE

**ethanfregien2233/reel-roulette |**

* Summary: A JavaScript application for generating random movie suggestions and trailers
* Role: Front end design, YouTube API implementation
* Tools: HTML, CSS, JavaScript, YouTube API, Movie DB API

PROFESSIONAL PROJECTS

CLEARY BUILDING COLORIZER

**https://myclearybuilding.com/colorizer/**

* Summary: A public facing application made for testing different colours on Cleary Building products before buying.
* Role: Front end design, Knockout.js MVVM implementation, VB.Net backend work and object structuring.
* Tools: Knockout.js, ASP.Net, VB.Net, C#, Bootstrap

WEATHER DAY PAYROLL PROJECT

**Project for Cleary Building Corp.**

* Summary: An internal application made for allowing branches to declare weather days, track payroll hours and serve as the backbone for new pay procedures in 2023
* Role: Requirement gathering, full lifecycle application development and support.
* Tools: .NET Stack

SEMI DRIVERS PAYROLL PROJECT

**Project for Cleary Building Corp.**

* Summary: An internal application to track, manage and revise Semi truck drivers hours and payroll to be regulated by the DOT
* Role: Requirement gathering, full lifecycle application development and support.
* Tools: .NET Stack

EDUCATION

UNIVERSITY OF WISCONSIN MADISON, WI

**Certificate, Full Stack Web Development; Graduated 2022**

* A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, MVC, Node Js, MySQL, Express.js, Handlebars.js & ReactJS.

COLLEGE OF MENOMINEE NATION (KESHENA, WI)

**Associates, Biological & Physical Sciences; Graduated 2020**