

# ETHAN FREGIEN

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## 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 Server
- Design, code and debug company ERP system in various software languages, primarily VB.Net
- 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

## SKILLS AT A GLANCE

### Technical Skills

VB.Net  
Knockout.js  
ASP.NET  
OOP  
JavaScript  
MVC  
MVVM  
APIs  
CSS  
Telerik  
HTML  
SQL Server  
Azure DevOps  
GitHub  
React  
Node.js  
jQuery

## 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

## EDUCATION

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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**