




# ERIK AADALEN


Software Engineer  
Web Developer  
DevOps Engineer  
Full Stack Developer

Erik Aadalen 

eaadalen112@gmail.com 

763-657-6279 

<https://github.com/eaadalen> 

Minneapolis, MN 

Body of Work 



## PROFILE

Web developer with background in mechanical engineering. Skilled in HTML, CSS, JavaScript, and Python. Proficient in C#/ASP.NET Core, C++, and React/Angular. Strong experience with data structures, algorithms, OOP principles, and artificial intelligence/machine learning. Very open to creating innovative concepts and factoring new technologies into daily work.

## SKILLS & TOOLS

### Front-End:

- HTML, CSS, JavaScript, C, C++
- Material UI, Bootstrap
- React, Angular, Redux

### Back-End/Databases:

- Node.js, Java, REST API
- Oracle, MongoDB

### Testing/Version Control:

- JUnit, Jest, TDD, CI/CD
- GitHub, GitLab

### GCP Services:

- Cloud Run, Kubernetes

## HOBBIES

- Guitar
- Ultimate Frisbee
- Chess
- Trivia

## PROJECTS

- <https://music-stats.netlify.app/> – A better version of Spotify Wrapped and Apple Music Replay. Created using MERN stack
- <https://riddle-unscramble.netlify.app/> – Fun word game inspired by Wordle. There's a new riddle every day, so be sure to play again tomorrow. Created in using the MERN tech stack.
- <https://nv5-database.netlify.app/> – Online database containing project information for NV5. Allows users to search for projects keywords instead of foraging through windows explorer. Use "hello123" for the username/password to access the prototype version of the site. Created in using the MERN tech stack.

## EMPLOYMENT HISTORY

**Software Engineer** | NV5 | St. Paul  
December 2021 – Present

- Created a searchable NV5 database to locate projects faster, improving workflow efficiency by 30% (MERN stack)
- Used AGILE for project management
- Created frontend components for NV5 external sites

**Mechanical Engineer** | NV5 | St. Paul  
May 2021 – December 2021

- Developed internal tools to increase productivity, created using Python and JavaScript
- Created an automatic pipe size calculator, duct size calculator, and HVAC equipment sizer that was used throughout the company by HVAC engineers

## EDUCATION

**Full-Stack Web Development Bootcamp** | CareerFoundry  
June 2021 — December 2021

**B.S. in Mechanical Engineering** | University of Minnesota  
September 2017 – May 2021