

# Deven Swiergiel

📧 devenswiergiel.com

✉ devenswiergiel@gmail.com | 518-944-6572



As the first in my extended family to attend college, I'm a driven individual with a strong ability to adapt and grow. Passionate about building clean, visually appealing, efficient, and responsive applications, I'm extremely curious and love challenging myself by constantly learning new things. I'm the type of person who obsesses over getting every CSS detail just right. A guy who built a clone of a SaaS web app just to save a few bucks on the subscription.

## WORK EXPERIENCE

### Software Developer

Boston Red Sox - Baseball Research and Development  
02/2021 - 10/2024

Designed and implemented numerous web-based applications and REST APIs to support player acquisition, player development, scouting and player trades in an agile environment within Azure's CI/CD cloud platform.

- Designed and implemented an offline autosave system across 20 unique report types, addressing connectivity challenges faced by scouts while traveling domestically and internationally. Leverages IndexedDB API, a low-level browser API for highly performant client side storage.
- Led the frontend development of an internal Roster Summary and Trade Simulation feature, focusing on user experience and data visualizations to support high-stake player acquisition decisions. Used in acquiring several players during the 2024 MLB Trade Deadline. Built in Angular 15 and ASP.NET.
- Designed and launched several new report types, including a "Signability" report to assess a prospect's likelihood of signing, saving scouts days of travel annually by not wasting time with unrealistic prospects. Built using Angular 15.
- Engineered a comprehensive Roster Payroll Contracts feature to replace a legacy spreadsheet system, reducing data inconsistencies and improving real-time collaboration during player contract negotiations. Built using Angular 15 and ASP.NET

### Software Engineer

NYS Office of Information Technology Services  
03/2017 - 02/2021

- Hired full-time my junior year of college, I worked on a small specialized team focusing on high-profile, short-deadline projects within Cheif Technology Office leveraging containerization and several JavaScript frameworks and backend technologies.
- Led frontend development of New York State's COVID-19 screening web application, utilized by over 50,000 employees daily to ensure workplace safety. Built using Angular 9 with Bootstrap and ASP.NET MVC Core.
  - Played a key role in the 1-week development timeline of modernizing New York State's unemployment application system at the height of the COVID-19 crisis in, migrating from legacy mainframes and developing a new Angular 9 frontend to handle the unprecedented surge of over 500,000 applications a day.
  - Oversaw groups of interns in the development of multiple containerized internal ECM tools hosted on AWS, fostering their growth and ensuring the successful delivery of projects.
  - Collaborated with a small team to build a web portal for Nourish NY, a program connecting farmers with surplus produce to food banks and homeless shelters to help alleviate food waste. Built in React 16 and Node.js 12.

## EDUCATION

### University at Albany

B.S. Computer Science, Applied Mathematics Minor  
08/2016 - 05/2019 | GPA: 3.8 | Summa Cum Laude

### Hudson Valley Community College

A.S. Computer Information Systems  
08/2014 - 05/2016 | GPA: 3.5

### Schenectady County Community College

A.S. Computer Information Systems  
08/2013 - 05/2014 | GPA: 3.9

## TECH

- JavaScript & TypeScript
- Next.js 15
- React 16-19 w/Context
- Angular 4-17 w/NGXS
- Figma/Sketch/Adobe XD
- Tailwind CSS
- AWS Services
- Azure Services
- Git
- Trello
- Jira
- Jest
- Node.js
- SQL Server
- ASP.NET MVC Core
- C#
- Python
- Docker

## INTERESTS



CAMPING



DESIGN



TRAVELING



FINANCE



CODING ❤️



GREEN TECH