

## Conner Hufnagel

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[linkedin.com/in/c-hufnagel/](https://www.linkedin.com/in/c-hufnagel/) | [github.com/conner-huf](https://github.com/conner-huf) | [conner-huf.github.io/portfolio-site/](https://conner-huf.github.io/portfolio-site/)

### Technical Skills

**Languages:** JavaScript, C#, Typescript, Python, SQL, HTML5, CSS, C++, Kotlin, Java

**Technologies:** React.js, Flask, Node.js, Azure, ASP.NET, .NET Core, JSON, Git, Jest, Django, Express.js, AWS, Jira, Docker

**Databases:** MySQL, Firebase, MongoDB, NoSQL, SQLite, DynamoDB

### Education and Certifications

**Bachelor of Science: Computer Science**, Southern New Hampshire University, Summa Cum Laude, President's Honor Roll, 2023

**AZ-900:** Microsoft – 2024 | **Front-End Software Development:** Meta – 2023 | **Full-Stack Software Engineering:** IBM – 2024

### Projects

**Noodle** - <https://conner-huf.github.io/noodle/>

Using: Python, Flask, Javascript, React.js, TicketmasterAPI, Leaflet.js, SpotifyAPI

- Implemented a Python back-end rest API and Reactjs front-end UI using Leafletjs to create a live-music ticketing application following UI/UX best practices
- Developed backend Rest APIs for a user to find concerts in their city and purchase tickets through Ticketmaster
- Tested component performance using Jest J unit testing and QA practices to achieve 86% test cases over the program

**ConnerAPI** - <https://app-connerapi-dev.azurewebsites.net/resume>

Using: C#, .NET, MySQL, Microsoft Azure, Github

- Utilized Clean architecture design patterns to create a maintainable, scalable, and modular backend web server system with multiple endpoints and HTTP methods supported
- Implemented connection with a mySQL database for increased data security and for maintaining an external repository of data
- Deployed the product using Microsoft Azure and GitHub actions to provide CI/CD to keep up with additions and updates to the web server

**Pokedex Application** - <https://conner-huf.github.io/pokedex/>

Using: React.js, Node.js, HTML, CSS, PokeAPI, Axios

- Utilized Rest API integration with the Poke API to fetch up-to-date information about the Pokemon game series.
- Created a responsive front end UI following MVC architecture patterns capable of displaying and sorting information based on user input
- Optimized API call testing using Postman to improve user experience by decreasing loading and rendering times by 15%

### Professional Experience

**Computer Systems Operator** - Oklahoma Army National Guard

July 2016 – July 2022

- Diagnosed and resolved complex technical issues with high-specialized defense computer hardware and software systems supporting 500 personnel across multiple locations.
- Managed data input and output processes, implementing rigorous data verification and backup procedures to ensure 100% data accuracy and integrity during over 200 individual operations.
- Conducted rigorous pre-project system checks and detailed post-project debriefs, ensuring accurate data collection, analysis, reporting, and informed decision-making for project planning and evaluation.

**Health Manager** - Sunbeam Family Services

August 2019 - July 2022

- Maintained and managed a comprehensive database, meticulously tracking health data and compliance records for every student enrolled, ensuring accurate documentation and timely updates for over 5 years post-care in adherence to DHS regulations.
- Implemented new health compliance policies across 17 school sites to align with federal health standards, resulting in achieving a 92% compliance rate for a student population exceeding 1500 individuals. A marked 27% increase from initial compliance ratings.
- Led a team of 4 through a comprehensive federal compliance audit, overseeing health screenings for 500 actively enrolled children within a stringent 90-day timeframe to ensure continued funding and program viability.