

# Conner Hufnagel

## Software Engineer

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### Skills

- **Languages:** JavaScript, C#, Python, C++, Java, Typescript, HTML, CSS.
- **Technologies:** React, Angular, Bootstrap, Next.js, Node.js, Docker, React Native, Express, Django.
- **Databases:** MongoDB, SQL, SQLite, DynamoDB, PostgreSQL.
- **Cloud Technologies:** AWS Serverless Lambda Functions, EC2, S3.
- **Specialized Software:** Visual Studio Code, Git, Github, Unity, Visual Studio (2018-2020).

### Education

- Bachelor of Science – Computer Science – Southern New Hampshire University – GPA: 3.9
  - Relevant Coursework: Linear Algebra, Data Structures and Algorithms, Full Stack Development Capstone, Mobile Architecture & Programming, Software Development Lifecycle, Software Security, Software Testing & Automation, Client/Server Development, Systems Analysis and Design.
- Front-end Developer Certification (Meta): October, 2023
- .NET Development Certification (Board Infinity): November, 2023

### Project Experience

**Restaurant Demo Site** - <https://conner-huf.github.io/restaurant-site/>

November, 2023

*Using: React, Node.js, Figma*

- Created a design for showcasing a restaurant's featured dishes based on user stories research using Figma.
- Applied this design plan using React to create a dynamic and aesthetic user interface for the site.
- Implemented a reservation system to allow users to book a table with the restaurant using their email.

**E-Commerce Demo Site** - <https://conner-huf.github.io/e-commerce-site/>

October, 2023

*Using: React, Node.js*

- Implemented a custom design for showcasing commercial products by category using context and state React libraries.
- Created page templates for each category of item and mapped over JSON data to fill these templates, resulting in efficient development and a consistent user experience.
- Implemented meta tags to improve search engine optimization.

**Angular Q/A Site** - <http://connerbucket1.s3-website-us-east-1.amazonaws.com/>

October, 2023

*Using: Angular, Docker, Node.js, AWS Lambdas, EC2, S3, DynamoDB*

- Implemented containerization using Docker to provide consistent configuration for the application.
- Deployed to an AWS S3 bucket and integrated DynamoDB functionality with the container.
- Implemented AWS Lambda functions to provide CRUD method functionality to question & answer databases.

**Full-Stack Spotify Clone** - <https://spotify-clone-sable-three.vercel.app/>

September, 2023

*Using: React, Next.js, Supabase, APIs, TailwindCSS*

- Designed a layout based on the Spotify music streaming platform using Tailwind CSS.
- Created a database infrastructure using Supabase to allow users to perform CRUD operations on their collection of songs at the back end relational database.
- Implemented login modals, favoriting, song uploading, and music player functionality for consistency with industry trends.

Additional projects available at <https://github.com/conner-huf> or by request.