

# John Henry

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## Summary

- Full Stack software developer with expertise in technologies like C#, .NET Core, ASP. NET Core, WebAPI, MVC, Angular, React, Flutter, SQL, Docker, Azure blob storage, e Java.
- Experienced in building web applications and cloud-based solutions using modern ORM technologies such as Dapper and Entity Framework Core.
- Experience in SQL Server, including stored procedures, functions, and database design.
- Knowledge of microservices, Filters, and API Gateway management to handle complex routing scenarios and support both synchronous and asynchronous communication using HTTP requests.
- Skillful with version control tools such as Git.
- Vast experience in Agile / Scrum software development methodology

## Education

- **2018 – 2022**  
Bachelor's degree in computer science, Colorado State University – USA  
Dean's List on Fall 2021 and Spring 2022  
GPA: 3.113

## Experience

### Freelancer

#### January 2023 – Current

**Description:** I embarked on a career as a freelance programmer, successfully delivering many projects for multiple clients. The projects that I was involved in include the web development, both front and backend, of rental car companies, online stores, photographer portfolios, dental clinic websites, and many others.

#### Responsibilities:

- Developed web applications using Microservices, ASP.NET Core, Angular, Middlewares, Entity Framework, Docker, JWT, and Azure Blob Storage.
- Leveraged Docker to containerize the application and its microservices for easier deployment and management.
- Conducted code reviews and provided feedback to improve code quality.
- Implemented security in the application using JWT along with Angular Route Guards and Interceptors.
- Involved in projects that used microservices architecture using SOLID principles and handled routing via API Gateway with Ocelot.
- Worked on a Scrum/Agile environment.

### Braiden Dining Hall

#### January 2019 – December 2022

**Description:** Worked on Colorado State University's dining hall Braiden Dining hall as a part time job. Promoted to Supervisor in November 2021.

#### Responsibilities:

- Work on serving food to clients at different stations such as Deli, Bistro, RamWich and Filling Station.
- Clean dishes, pots, organizing silverware and cups.

- As a supervisor I was responsible for training new employees and act as a shift supervisor for a crew of up to 25 members.
- The dining hall served between 700 – 1500 customers and students daily.

### Diletta Solutions

#### June 2019 – August 2019

**Description:** As a summer intern I was responsible for developing the front-end of a medical application, which provided the healthcare professionals with a comprehensive solution for monitoring and analyzing patient information such as conditions, treatments, diagnosis, medicines currently being used and even suggestion for best treatment, as well as the generation of prescriptions and forms, leading to improved patient outcomes and increased efficiency in clinical workflows

#### **Responsibilities:**

- Developed the front-end of a mobile application using Flutter and Dart.

## Projects

### Internal Human Resources Application – 2023

Collaborative contributor in the production of an internal Human Resources Management System which aims to help the HR department to have a comprehensive solution for managing employee data and HR processes, such as hiring.

### Wheelix Rental Cars – 2023

Wheelix is a car rental website. Its dynamic nature incorporates various technologies to provide users with a seamless rental experience. The application can determine the user's geographic location, which is used to present the nearest Wheelix stores, facilitating the pick-up and return of the vehicle and personalizing the user experience.

**Available at:** <https://github.com/Azurba>

### Abruzza Cosmic Store – 2023

E-commerce that sells universe themed products like t-shirts, hats, posters and much more. It uses JWT tokens to handle authentication and authorization of users, which includes account registration and login. In addition, it uses Route Guards in order to define which routes are available, depending if the user is logging in or not. It also contains a dynamic shopping cart e order tracking.

**Available at:** <https://github.com/Azurba>

### Dental Clinic Website – 2023

This solution consists of two parts: an internal ASP.NET application (which runs locally) connected to a Firebase database to store information about patients and a website with the purpose of publicizing the clinic

**Available at:** <https://anacmpimenta.com/>