

# Hafiz Hamdard

<b>Frontend Developer   JavaScript   TypeScript   Angular   MySQL</b> <a href="#">LinkedIn</a>   <a href="#">GitHub</a>   <a href="#">Website</a>	Concord, CA <a href="mailto:hafizca24@gmail.com">hafizca24@gmail.com</a> 925 487 8544
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I'm a Frontend Developer specializing in **JavaScript, Angular, and MySQL**. My current interests include expanding my knowledge of Angular and exploring complementary technologies such as **TypeScript, RxJS** (Reactive Extensions for JavaScript), **Dependency Injection**, and **SQL optimization techniques**.  
I have built projects like a Calculator and a Random Password Generator, but I am now focusing on more robust applications to showcase my growing expertise. You can explore my work on my GitHub or follow my progress on LinkedIn.

## Projects

### INVENTORY MANAGEMENT SYSTEM [Code](#)

Goal of this project is managing and Tracking Products with a CRUD-Based Application Using **C#, ASP.net MVC, MySQL, Dapper ,unit testing, JavaScript CSS, HTML**

- ★ Developed ASP.NET MVC project to manage inventory and employee sales records.
- ★ Implemented CRUD operations for seamless management of inventory data.
- ★ Employed repository design pattern for efficient data access isolation.
- ★ Incorporated data validation and error handling mechanisms to enhance data integrity and provide a smooth user experience.
- ★ Implemented features for order management, including the ability to create, edit, and track orders, as well as manage customer information and shipping details.
- ★ Employed stored procedures and triggers for complex business logic execution within MySQL.

### RANDOM PASSWORD GENERATOR [Code](#) [View Site](#)

The aim of this project is to create a user-friendly web application that generates **random passwords**, using **Javascript, CSS, HTML**

- ★ **Dynamic Password Generation:** Implemented a tool that generates secure passwords with a customizable length and composition, including **uppercase letters, lowercase letters, numbers**, and special **symbols**.
- ★ **Input Validation:** Ensured password length requirements are met, with real-time validation and error messaging for user guidance, enhancing usability and **security**.
- ★ **Character Diversity Enforcement:** Designed the generator to include at least one character from each specified set (uppercase, lowercase, numbers, symbols) to enhance password strength.
- ★ **Randomness and Security:** Utilized **JavaScript's Math.random()** and a custom shuffle **algorithm** to ensure the randomness and unpredictability of the generated passwords.
- ★ **User Interaction:** Integrated a copy-to-clipboard feature, enabling users to **easily copy** the generated password for use, improving user experience.

## DRUM KIT [Code](#) [View Site](#)

Aim of this project making specific sound when clicking each buttons, created using **Javascript, CSS, HTML**

- ★ Added animations to buttons to enhance the user experience, providing visual feedback when buttons are pressed.
- ★ Incorporated a feature that plays a custom audio clip when clicking on a specific text element, showcasing the ability to integrate various media types.
- ★ Structured the project to separate concerns between **HTML** structure, **CSS** styling, and **JavaScript** functionality.
- ★ Designed a responsive and visually appealing user interface, including custom button styles and background images for each drum sound.

## Experience

Costco - Customer Service Nov 2022- present

- ★ Excellent **communication** and interpersonal skills, with the ability to interact effectively with diverse customers and team members.
- ★ **Problem-solving** abilities, with a **proactive** approach to resolving member issues and ensuring satisfaction.
- ★ Collaborated effectively with team members to streamline processes and enhance customer service delivery, contributing to a positive and cohesive work environment.
- ★ Demonstrated capability in resolving member issues promptly and effectively, showcasing a proactive approach to ensuring customer satisfaction and loyalty.
- ★ Collaborated with team members to streamline operations, improve **Enterprise Resource Planning (ERP)** processes, and enhance overall customer service delivery.
- ★ Utilized **Rumba** and **AS/400 (IBM iSeries)** systems as a **customer service representative** to access, update, and manage member records efficiently, supporting smooth service operations.

## Education:

High School Degree.

**FullStack** Software engineering online January 2024 - March 2024

- ★ Completed over 300 hours of immersive, project-driven training at TrueCoders.
- ★ **C# and .NET Core:** Built robust applications using **object-oriented programming** principles, **LINQ**, **asynchronous programming**, and **dependency injection**.
- ★ **ASP.NET MVC:** Designed dynamic, data-driven web applications with **Model-View-Controller** architecture.
- ★ **SQL:** Developed and optimized databases, wrote complex queries, and integrated SQL Server with **.NET** applications.
- ★ **Web Development:** Created responsive front-end interfaces using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**.
- ★ **Version Control:** Managed projects effectively with **Git** and **GitHub**, implementing version control strategies for team collaboration.
- ★ **Team Projects:** Collaborated on group projects simulating real-world development workflows, including **Agile** methodologies and peer code reviews.