

TIM HONCHEL

LinkedIn: tim-honchel • Github: tim-honchel • Portfolio: tim-honchel.github.io/

.NET DEVELOPER -----

Specializing in ASP.NET Core 6.0 and MVC frameworks. C#, SQL Server/MySQL, Entity Framework/Dapper ORM. Blazor Server, JavaScript/TypeScript, HTML, CSS. Azure deployment. Swagger API development. Git version control with GitHub/Azure DevOps. Visual Studio editor. NUnit, Moq, Bunit for testing.

WORK EXPERIENCE -----

Developer I | Nexient (NTT Data Group) | Nov 2022 – Present

Completed 4 trainings to master Clean Architecture, Test-Driven Development, Dependency Injection, Agile, and SOLID principles. Apps integrated ASP.NET Core, Blazor, SQL Server, EF, Swagger, Identity, Bootstrap, NUnit, Bunit, and Moq.

Software Engineering Intern | Honeycomb Digital | Apr 2022 – Nov 2022

Learned React Native and mobile app codebase. Wrote documentation, wireframed with Figma, designed features.

Executive Director | Kids in New Directions | Sep 2019 – Oct 2021

Increased student attendance from 79% to 91%, cash reserves from 0.5 months to 6, cut staff turnover from 100% to 25%.

EDUCATION -----

TrueCoders | Full-Stack Software Engineering | Nov 2021 – Jan 2022

Earned certificate for 500+ hours of intensive career training, creating 47 small projects with technologies such as C#, SQL, Dapper, JavaScript, HTML, CSS, REST APIs, and Git, with fundamental principles of OOP such as SOLID and TDD.

Codecademy | Programming | Sep 2021 – April 2022

Earned course certificates for “Angular”, “Cloud Computing”, “Cybersecurity”, “d3js”, “Data Structures and Algorithms”, “Design Principles”, “Flask”, “Python”, “React”, “React Native”, “Swagger and OpenAPI”, “Testing.”

Asbury University | Business Management | Aug 2008 – May 2011

Earned Bachelor of Arts degree, minor in Spanish, graduating in 3 years with 3.96 GPA.

PROJECTS -----

Successful Startups | Blazor, C# on ASP.NET Core with SQL Server, EF, Identity

- Interactive step-by-step guide to easily create useful business plans for startups.
- 4 layer architecture: Blazor Server interface, Swagger API, Entity Framework data access, .NET domain.
- 80% code coverage with unit tests. NUnit and Bunit tests written prior to methods.
- User authentication and authorization with ASP.NET Core Identity, configured with email verification.

Historical MLB All Stars | C# on ASP.NET Core MVC with SQL Server, EF, JS, HTML, Azure

- Dream team generator constructs a 25-player roster for any possible team, league, and time period.
- Threaded HTTP client requests asynchronously get HTML from 11 interpolated web pages.
- HTML Agility Pack parses HTML into player objects with statistics as attributes.
- C# functions construct a roster with the top statistical players who meet certain criteria.
- Entity Framework ORM saves results in SQL Server indexed database, bypassing future web scraping.
- Cloud deployed with Azure App Services and Azure SQL Database.

Best Prize Store | C# on ASP.NET Core MVC with MySQL, Dapper, HTML, CSS, Azure

- Exciting and comprehensive reward system for educational programs to build a positive culture.
- MySQL tables for admins, stores, students, prizes, orders, and deposits.
- ASP.NET models, views, and controllers for each table, with Dapper serving as ORM.
- C# repository design pattern for performing CRUD operations to database.
- Cloud deployed with Azure App Services and Azure Database for MySQL.

Predictive Keyboard | TypeScript on Angular, C# on ASP.NET Core with HTML, CSS, Azure

- Frustration-free typing alternative for devices that lack a built-in keyboard, such as TVs or game consoles.
- Up, down, left, right, center buttons trigger TypeScript primary program flow functions, which call services.
- HttpClient get requests to ASP.NET Core Web API return most likely characters and results to display.
- As the user clicks the buttons, Angular component property binding updates the HTML.
- Deployed with Azure App Services and Azure API Management. API structured with Swagger.