

Raj Deliwala

SOFTWARE ENGINEER · COMPUTER PROGRAMMING & INFORMATION SYSTEMS · SUNY FARMINGDALE

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About Me

Programming Python - C++ - C# - Java - JavaScript - ASP .NET MVC 5.0

Technical Tools GitHub - Visual Studios - Visual Studio Code - Android Studios - Eclipse

Web/Databases HTML 5 - CSS 3 - Bootstrap - SQL - MySQL - Entity Framework - SQLite - SQL Server - VMware - Excel

Projects

What-U-Watching

ASP.NET - MVC 5.0 - C# - SQL - HTML - CSS - BOOTSRAP - JAVASCRIPT - ENTITY FRAMEWORK

Sept 2020

- What-U-Watching is an online seasonal show database that users can create and share watch lists
- Enabled users to search for their favorite seasonal shows based on season tags and create watch lists
- Secured pages and functions using .Net membership authentication and SQL Server Security roles
- Developed application using ASP.NET MVC 5 and Entity Framework with Razor syntax for clean concise code
- Integrated ASP.NET MVC 5 with Unity for Dependency Injection using NuGet Packages
- Created Mock repositories to test SQL database values and ensure proper data flow from front end to the storage layer

eCommerce MyShop

ASP.NET - MVC 5.0 - C# - SQL - HTML - CSS - BOOTSRAP - JAVASCRIPT - ENTITY FRAMEWORK

July 2020

- Designed Web-based ASP.NET ecommerce shop linked to local Microsoft SQL Management Studio.
- Used Object Oriented Programming and Model View Controller concepts to ensure efficient code structure.
- Fixed exposure to admin pages by securing them under 'Admin' roles tags within the database
- Implemented LINQ queries to extract information from entity framework to post on web pages
- Conducted regression testing after each branch to make sure key functions were working without issues.
- Troubleshoot and resolved bugs in .NET application to ensure optimal development environment

Dante's Inferno

Java - JFX - Eclipse - SQL - CSS - HTML

Jan 2018

- Created a Java RPG game that revives old books and archives to be used in a modern playable setting.
- Played a variety of roles during the project such as developer & scrum master.
- Executed project using Eclipse and used HostGator to hold the database.
- Created a choice algorithm to enhance replay ability and a richer gaming experience.
- Wrote regular expressions to keep the game safe from SQL injections within login screen.
- Used agile sprints to organize and distribute workload amongst team members and keep communication on par.

Experience

Zebra Technologies

Holtsville, NY

Software Test Engineer - DCS

Nov. 2018 - Mar. 2020

- Performed functional and regression testing to promote quality assurance of products.
- Worked within the Software Testing Life Cycle to elevate and ensure key product features.
- Recorded and thoroughly explained issues using bug tracking tools such as JIRA.
- Interacted with Developers and Engineers to gain a strong understanding of new features and issues.
- Worked within agile sprints using black box testing methods to ensure efficient testing.
- Configured exploratory testing with IOS/Android devices to insure key mobile software features.
- Developed and executed functional test cases with proprietary scanner software.
- Wrote and edited automation scripts in python on a raspberry pi for newly assigned test builds.

Education

Farmingdale State College

Farmingdale, NY

BACHELOR OF SCIENCE COMPUTER PROGRAMMING & INFORMATION SYSTEMS

Sept. 2014 - Dec. 2017

- Dean's List: Fall 2015, Spring 2016, Fall 2016, and Spring 2017
- President's List: Fall 2017
- GPA: 3.60 / 4.00

ASP NET MVC Web Development

COMPLETE ASP NET MVC WEB DEVELOPMENT - NEWBIE TO NINJA!

Udemy.com

June. 2020 - Sept. 2020