Raj Deliwala

SOFWARE ENGINEER · DATA ANALYST · SYSTEM ANALYST

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About Me

An enthusiastic and robust individual with 2+ years' experience and knowledge of industry seeking a new career path as a Data Scientist. Focused on software engineering, system administration, data science, requirement gathering, creation of functional requirements, process flow analysis and design, functional and regression testing, database architectures, and content management analysis. Looking to expand a company's existing data collection and data delivery platforms.

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

Experience

Zebra Technologies
Software Test Engineer - DCS

Holtsville, NY
Nov. 2018 - Mar.2020

Zebra produces marking, tracking, and computing printing solutions to major clients such as Walmart and Costco. Products such as thermal barcode labels, hand-held scanners, RFID smart label printers and barcode optical scanners. Worked in the TnV (Testing and Validation) team under the DCS (Data Capture Solutions) group running manual and automated tests on hand-held and hands-free scanners such as the Rhino, Copperhead, and Pumba.

- Experienced in developing and executing manual and automated tests in Python using Pytest.
- Wrote and edited automation scripts in python on a raspberry pi for newly assigned test builds.
- Designing and creating testing environments for hardware testing and debugging.
- Preformed 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.
- Developed and executed functional test cases with proprietary scanner software.

    Python – Pytest – JIRA – Clear Case – Excel – Polarian – Raspberry Pi

What-U-Watching (Project)
.NET Developer

Sept 2020

Website that contains some of your favorite online shows in a database that can be used to create, edit and share watch lists with others from a choice of 100's of titles.

- 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

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

eCommerce MyShop (Project)
.NET Developer

July 2020

An online electronic commerce store used to implement a user-friendly experience for shoppers who want to purchase items in a clean concise system.

- 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.
- Troubleshot and resolved bugs in .NET application to ensure optimal development environment

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Education

Farmingdale State College
BACHELOR OF SCIENCE COMPUTER PROGRAMMING & INFORMATION SYSTEMS

Farmingdale, NY
Sept. 2014 - Dec. 2017

ASP NET MVC Web Development
COMPLETE ASP NET MVC WEB DEVELOPMENT - NEWBIE TO NINJA!

Udemy.com
June. 2020 - Sept. 2020