

Niall Martin

5 years professional Experience in Software Development

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EXPERIENCE

Dell, Dublin — Senior Software Engineer(Contract Position)

November 2020 - PRESENT

- Developed an application with the ability to upload large files from a user's PC to a Microsoft Azure Blob storage location. For use in a project for Dell employees to migrate PST email files to Microsoft Exchange online. Supports progress tracking, pausing and resuming uploads, persistent upload jobs and logging to an SQL database. Developed using C#, Windows Forms.
- Developed an application to automate mass updates to the CEO of Dell's Outlook contact list. Application takes an input Excel file containing contact info, search for the corresponding existing contact in Outlook and modify the contact, or create a new contact if no contact exists already. Developed using C#.
- Maintained application that handled auto-email reminders for all Dell employees' account passwords expiring. Visual Basic application.
- Developed and maintained Web portal that displayed in-depth info for major PST file migration project. Developed using ASP.NET Core.

Homewood Health, Vancouver Canada— Software Engineer

September 2018 - June 2020

- Developed and maintained new and existing features for the company's internal web application in both solo and collaborative projects. Using C#, AngularJS and ASP.NET Web API. Includes scheduling, medical case assignments, financial breakdowns, and billing functionality.
- Aided in design of new sections of the application's underlying database.
- Set up data layer controllers so application can interact with the above new sections of database using ASP.NET Web API.
- Provided introductory information to new employees being brought into the team.

SL Controls, Galway— Systems Engineer

November 2016 - August 2018

- Upgraded a production line batch execution application. Multithreaded application developed using C#. Aided in the design of Microsoft SQL database that is instrumental to the application's functionality.
- Lead designer and developer to upgrade C# application used to configure data in the database used in the application above.
- Developed a code comparison application with C# for use in comparing Allen-Bradley, Automatically Programmed Tool(APT), Sequential Function

SKILLS

Full stack software development specialising in .NET technologies.

Database design and maintenance.

Web design and maintenance.

Azure function development.

Version control systems and apps including TFS, Git, Azure DevOps.

LANGUAGES/TECHNOLOGY

C#, VB, MSSQL, JavaScript, Azure functions, ASP.NET, HTML, Windows Forms, WCF, Azure DevOps, Git, TFS, Teams

INTERESTS

Sport

Play gaelic football with my local club.
Won National titles playing indoor bowls.

Film & TV

Keen interest in film and TV.

Gaming

Enjoy gaming to keep up with friends

Chart(SFC) and Function Block Diagram(FBD) application code.

- Introduced and set up a Git version control system for use by my team of software engineers during application development.
- Designed tutorial courses in C# and SQL using the tool Moodle for use by new and existing employees Includes videos, quizzes and progress tracking.
- Provided onsite technical support for company clients.

Storm Technology, Galway— *Software Engineer Intern*

April 2015 - September 2015

- Developed an internal work management system. Developed using C#, was an ASP.NET MVC application to give complete project and resource breakdowns.
- Provided comprehensive orientation for new employees drafted into the work management system team.
- Tester for the new Bus Éireann(Irish national bus company) website booking system. Created and ran test cases using Microsoft test manager. System now released at <http://www.buseireann.ie/>.

EDUCATION

National University of Ireland Galway, Galway— *BSc Computer Science & Information Technology*

September 2012 - June 2016

Graduated with Upper 2nd Class Honours(2:1).

PROJECTS

Vancouver Éire Óg GAA club website

Set up a website for the Vancouver Éire Óg GAA club. Includes schedules, results, news stories, player profiles and contact information for prospective members. Available at vancouvereireog.com. Source code at niallmartin.com.

Athletics Management Web Application

Developed using ASP.NET MVC and Entity Framework. Written in C#. Includes the following features: Performance data logging saved to an external Microsoft SQL database, Trend analysis of athletes' performance throughout the year, Generation of set performance goals determined by the athlete's existing results and Comparison of athletes' key performance data for squad selection. Source code at niallmartin.com.

Personal Website

Developed using C#, ASP.NET MVC and Entity Framework. Available at niallmartin.com.

References available upon request.