

Mr Daniel W Lawson

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Professional Summary

I am a passionate and proficient software engineer with 7+ years of experience in the role. I took the apprenticeship route to establish a career within the software development industry, showing a passion to gain relevant knowledge in this environment by enabling opportunity for personal and professional development for future career prospects. I am an extremely enthusiastic and dedicated individual who enjoys the demands of high levels of accuracy and concentration and flourishes with increased responsibilities. IT literate with a keen attitude to learn, thriving in a demanding and fast paced environment and relishes a challenge. Naturally self-motivated, works well on own initiative and within a team, with effective performance under pressure. Possesses excellent personal skills, can communicate concisely at all levels and is a strong team builder.

Technical Skills

- C# .NET (Core, Framework), VB.NET, ASP.NET (MVC, Core, Blazor, Web API, Web Forms), Classic ASP, WPF, XAML.
- HTML, CSS, SCSS, JavaScript, jQuery, Bootstrap, AJAX, JSON, XML, Server-Sent Events.
- SQL (T-SQL, Stored Procedures, Jobs, Triggers), Entity Framework (6, Core), Language Integrated Query (LINQ).
- Object-Oriented Programming (OOP), SOLID Principles, Design Patterns, Unit Testing (NUnit).
- Agile Development, Version Control (Git, TFS/Azure DevOps Server), Microsoft IIS, Windows Services.
- Visual Studio (2019, 2022, 2026), Visual Studio Code, SQL Server Management Studio, Adobe Photoshop, Microsoft Office, Slite, Trello, Jira, Confluence.

Employment History

StoneShot, Stevenage / Remote

Senior .NET Developer: 1st January 2025 – Present

- The same responsibilities as being Mid .NET Developer as stated below.
- Mentoring of mid-level developers in addition to mentoring of junior developers.
- Teaching the junior and mid-level developers the release processes of applications (web applications, console applications and worker services) and guiding them through releasing to external servers themselves.
- Supported my manager in the recruitment process by participating in candidate interviews and contributing to hiring decisions.
- Key projects:
 - Updated applications (web applications, console applications and worker services) to support multiple databases instead of a single database as part of a request from a client to have their own database.
 - Updated multiple JavaScript frameworks used in the main web application to their latest stable version that were flagged with vulnerabilities in their current version being used. This included Lodash, Underscore, Select2, Knockout, Moment, HighCharts, TinyMCE and jQuery.
 - Re-engineered the console application that creates emails to be sent. This was done by loading the recipient's data relevant to the merge tags used in the email before iterating through each recipient to reduce the amount of data access calls. In testing this improved the speed to be 3-4 times quicker than it used to be.
 - Added email sender limits so that contacts could only be sent a certain number of emails in a certain number of days. This was an optional feature and was configurable at a client account level.
 - Added BotShield to Visitor Tracking which was a console application to read a batch database table of visits from websites and determine the visit was a human or a bot and move them into their relevant valid or suppressed visit database tables. There was a set of rules to determine if the visit was a bot, from identified bot Ips saved in the database to whether visits was within 1 second of each other.
 - Moved from TFS to Git. This included a major change for the build and release architecture where repositories were referencing prebuilt DLLs of other repositories which meant merging branches for releases caused conflicts in prebuilt DLLs. This was changed to project references and added to the

pipeline file to checkout and restore the external repositories in the same branch and therefore making feature branching possible and no conflicts when merging the branch for release.

Mid .NET Developer: 31st August 2022 – 31st December 2024

- Mentoring of junior developers.
- Performing code reviews and manual tests on other developers' projects.
- Writing manual test plans to support project requirements.
- Helping the client services team with any queries and problems they may have with the software through the support mailbox and Microsoft Teams.
- Creating new repositories and build pipelines in TFS whilst also maintaining existing ones.
- Using Trello to track and manage tickets through the development lifecycle of projects.
- Developing and debugging C# .NET (Framework) code in Visual Studio 2022, adhering to coding standards, best practices and business requirements.
- Using version control in Visual Studio 2022 to commit code changes to TFS on a wide range of repositories.
- Using AJAX to make asynchronous API requests to the controller of a web portal application (MVC).
- Continuous releases for updates to a wide range of applications (web applications, console applications and worker services) hosted on various external servers.
- Maintenance and creation of SQL Jobs and Triggers.
- Key projects:
 - Developed multiple Windows Services with .NET 6 to constantly check for new data to determine whether to launch the target console application to process the new data.
 - Added Server Sent Events (SSE) to pages in the main web application to constantly check for new data values to update in the UI.
 - Created a new SQL table to store app settings to be used instead of in the web.config file.
 - Major overhaul of the events area of the main web application.
 - Updated Duo two-factor authentication (2FA) component to the Web v4 SDK universal prompt from the Web v2 SDK traditional prompt. This also required the main web application to be updated from .NET Framework 4.6.1 to .NET Framework 4.7.1 to support the new Web v4 SDK.

MRI Software, Sleaford / Remote

Software Developer Level 4 Apprenticeship: 1st February 2021 – 24th August 2022

Software Development Technician Level 3 Apprenticeship: 3rd June 2019 – 31st January 2021

- Using Jira to track and manage tickets through the SDLC workflow in the current sprint with contribution to daily stand-ups (agile ceremonies).
- Estimating story points (people days) to apply to Jira tickets.
- Adhering to coding standards, best practices and business requirements.
- Developing and debugging C# .NET (Framework) code in Visual Studio 2022.
- Using version control in Visual Studio 2022 to commit code changes to TFS (for the desktop application).
- Using version control with TortoiseGit to commit changes to TeamCity (for web portal applications).
- Using NUnit to write Unit Tests for web portal applications.
- Using AJAX to make asynchronous API requests to the Controller of a web portal application (MVC).
- Supporting payment provider integrations with World Pay and Sage Pay on web portal applications.

HPC Healthline Ltd, Bourne

Warehouse Operative: 24th July 2017 – 31st May 2019

- Checking accuracy of customer orders.
- Ensuring day to day logistical team runs efficiently.
- Using a Flexi forklift truck in daily working practices.
- Taking responsibility and prioritising workload to ensure orders are meeting daily targets.

UK Printwear Ltd, Empingham

Graphic Designer: 1st April 2015 – 21st July 2017

- Using Adobe Photoshop, Corel Draw X5 and Artcut to design and set up new images and graphics for product listings.
- Listing new products on all three eBay stores and EKM Powershop websites (UK Printwear Ltd, LifeguardGear and Screen Tees Clothing).
- Designing and providing mock up images for customer approval.
- Printing decals / window clings / stickers on Roland Versacamm SP-300i machine ready for the printing department to use on orders.
- Printing new designs on screen printing film sheets ready for the screen-printing department to create new screens.
- Setting up print output files (.dst and .arp files) of new designs for the DTG (Direct to Garment) printing department machines.

Express Printwear, Stamford

Departmental Manager: 13th October 2014 – 31st March 2015

- Responsible for day to day running of the shop.
- Communicating with UK Printwear Ltd to maintain adequate stock / resupply of the shop and daily staffing rota between the work sites.
- Supervision of work undertaken within the premises of the Express Printwear shop site.
- Reconciling cash flow of the shop sales on an Excel spreadsheet and emailing weekly figures to the accounts department at UK Printwear Ltd.
- Designing new listings for inclusion on UK Printwear Ltd EKM Powershop website and eBay store.

Apacsale Limited, Corby

Warehouse Operative: 19th May 2014 – 10th October 2014

- Picking and packing of customer orders.
- Using wave picker machine to pick orders from warehouse racking and storage locations.
- Picking samples of clothing from deliveries ready for modelling in the photography department.

UK Printwear Ltd, Stamford

Printing Manager: 19th August 2013 – 14th March 2014

- Prioritising workflow of shop floor and maintaining orders are complete in time scale given.
- Ordering new stock supply for the next working day.

UK Printwear Ltd, Stamford

Intermediate Level Apprenticeship in Pre-Press: 22nd August 2011 – 16th August 2013

- Printing / packaging operation of customer orders from online eBay and EKM Powershop website sales.
- Running vinyl cutter machine and preparing print decals with clothing ordered by the customer.

Education

GCSE 7 Grade A-C including English and Mathematics

Certificates Level 2 BTEC First Certificate in Sport

Level 2 Award in Printing and Graphic Communications – Desktop Publishing

Level 2 NVQ Certificate in Pre-Press for Print – Digital Artwork

MTA: HTML5 Application Development Fundamentals

BCS Level 3 Certificate in Programming

BCS Level 3 Certificate in Software Development Context and Methodologies

Diploma

BTEC Level 2 Diploma in Public Services

BCS Level 4 Diploma in Software Development Methodologies

Higher Education

Certificate of Higher Education in Computing and IT

Interests

I have a big interest in all things involving technology, gaming, football and F1. I like discovering new skills and places. In my spare time I like to get out and go running as well as playing football with friends.

References

Paul Jarratt

Head of Development at StoneShot

Contact details available on request

Charlotte Preece

Manager / Apprenticeship Mentor at MRI Software

Contact details available on request