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| LEE  DALE | Romford Essex  07784 616 968  lee.jdale@gmail.com  https://www.linkedin.com/in/leedale/  https://github.com/leedale1981 |

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|  | **Profile** |

Highly experienced software developer with a career spanning over twenty years. Has a thirst for knowledge and a wide skill set focusing on modern web development technologies such as JavaScript, React, Node, C#, .NET Core, Docker and Microservices. Has a deep understanding of cloud architectures and experience building software with Microsoft Azure technologies and Google Cloud Platform.

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|  | Skills |

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| * Software Development * Software & Cloud Architecture * Front end & back-end experience * C#, NET Core, ASP.NET MVC & WebAPI * React & Redux * JavaScript & TypeScript * Azure & GCP | * Node * Docker, Kubernetes, Microservices * Agile, Scrum * TDD / xUnit / MSTest / Moq * Jest, Git, Gulp, Webpack * HTML5 + CSS * Microsoft Office 365 / Azure AD |

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|  | Education & Certification |

## Open University | BSc Hons Open Degree (Computing & Physics) 2:1

## Microsoft | Azure Developer Associate, Azure Fundamentals, MCSD App Builder, MCSA Web Applications, MCAD.NET

## Google | Certified Associate Cloud Engineer

## The Open Group | TOGAF 9.2 Certified

## CompTIA | Security+, Network+ British Computer Society | Systems Development Foundation Certificate (FSDEV)

## Bexley Training Group | NVQ Level 2 Business Administration

## London Nautical School | GCSEs

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|  | EXPERIENCE |

## Lead Software Developer | Providor

### June 2020 – Present

* I lead a small team to design and build an in-house smart meter installation solution using modern architecture principles. The service was implemented with .NET Core on the back end with a TypeScript, React & Material UI user interface. I was responsible for all the design and implementation and successfully delivered the solution to production, resulting in a significant cost savings to the business.
* I set up development best practices including creating build pipelines and git repos on Azure DevOps and container registries on GitLab to support a microservice architecture using Docker Swarm.
* Implemented communication between microservices using Azure Service Bus Queues.

## Senior Web Developer / Tech Lead | Ofqual (Contract, DBS Cleared)

### November 2019 – May 2020

* I was responsible for the technical architecture and implementation for a project to build and deploy extra functionality to Ofqual’s main qualification management system.
* Use of .NET Core on the backend, React / Typescript front end, Office 365 Power Automate coupled with Azure Service bus queues.

## Senior Software Engineer | Dunnhumby (Contract)

### July 2019 – November 2019

* I was responsible for building and deploying a .NET Core web application to Google Cloud Platform for Dunnhumby’s rewrite of their flagship data science platform. Use of Google App Engine, PubSub, Docker & Kubernetes.

## Senior Web Developer | Ofqual (Contract, DBS Cleared)

### June 2018 – July 2019

* I was responsible for the technical architecture and implementation of Ofqual’s main Portal application to manage their qualifications and awarding organisations. The application was a single page web application implemented using React, JavaScript / TypeScript, Node, and Azure (Cosmos DB, Azure AD, Web apps, Search).
* I successfully delivered the project into production.

## Senior Web Developer | Content and Code (Contract)

### February 2018 – June 2018

* Designing and building a web-based intranet product with React, JavaScript / TypeScript and Azure based components.
* Serverless Azure Functions development for SharePoint Site Provisioning. Using React / TypeScript for custom UI.
* Designing and building .NET Core Web API web service.

## Senior Web Developer | Brightstarr (Contract)

### March 2017 – February 2018

* Development of two SharePoint Online/Office 365 enterprise intranet portals using React, TypeScript, JavaScript, C#, JSOM & CSOM
* Using PnP Core libraries and Partner Pack for remote provisioning.
* Development of custom SharePoint 2016 BCS connector using C#, Entity Framework & ASP.NET Web API

## Senior Web Developer | Content and Code (Contract)

### November 2016 – March 2017

* Development of various web applications for Office 365 and SharePoint Online using ASP.NET MVC, Office UI Fabric & the SharePoint CSOM in C# and JavaScript.

## Senior Web Developer | Goodman Property (Contract)

### April 2016 – October 2017

* Design and development of SharePoint 2013 provider hosted application using ASP.NET WebAPI, TypeScript, Knockout, jQuery
* Maintenance and bug fixing of Office 365 SharePoint document management system. (Remote event receivers, Azure, C#)
* Technical lead on all custom application development in Europe including analysis and design of migration project for legacy applications.
* Mentoring and handover to new permanent member of staff for all applications in Europe.

## Senior SharePoint Consultant | UBS Investment Bank (Contract)

### January 2016 – April 2016

* Requirements gathering and consultancy for migration of legacy application to new server farm

## Senior Web Developer | Reckitt Benkiser (Contract)

### November 2015 – January 2016

* Design and development of Office 365 / SharePoint Add-In hosted on Azure web sites. Single page JavaScript front end with Azure AD authentication using ADAL library.

## Senior Web Developer | Marie Stopes International (Contract)

### September 2015 – November 2015

* Implementation of Office 365, Azure AD web application using jQuery and Knockout to bind Azure AD information inside SharePoint App. Using App Only Permissions to connect from ASP.Net WebAPI 2 service. Utilised TDD using MSTest and dependency injection using Structuremap.

## Technical Lead | Goodman Property (Contract)

### October 2014 – August 2015

* Technical lead on implementation and roll out of SharePoint 2013 based knowledge management system to thirteen countries across Europe. (ASP.Net, SharePoint 2013, C#, PowerShell, HTML, CSS)
* Office 365, Remote event receivers using CSOM and Azure web sites.
* C# WebPart, and SharePoint Search API development.

## Senior Web Developer | Universal Music Group (Contract)

### October 2011 – October 2014

* Delivering technical design and architecture improvements to global wide intranet system. (ASP.Net, Web API, C#, JavaScript)
* Design and development of REST based web service implemented with .Net 4.5 and WebAPI framework.
* Development of WCF Rest based services including UI interactions with JavaScript frameworks jQuery and Knockout.js
* Performance analysis and improvement of solution architecture

## Senior Web Developer | Centrica Energy (British Gas) (Contract)

### June 2011 – October 2011

* Design and development of a new business reporting platform to allow management of 5TB of Excel based report files

## Senior Web Developer | Anglia Ruskin University (Contract)

### February 2011 – June 2011

* Improvement of SharePoint based Virtual Learning Environment. (ASP.Net, C#, SharePoint)
* Implementation of improved development practices and mentoring existing developers around SharePoint and web development best practices.
* Improved code performance and maintainability using refactoring techniques such as implementing unit tests and introducing TDD. (MSTest)

## Senior Web Developer | Content & Code (Contract)

### December 2010 – January 2011

* Development of enterprise scale solution for retail client in ASP.NET.
* Technical architecture and development of WCF based service using MSMQ, AppFabric and SQL Server Improved code performance and maintainability using refactoring techniques such as implementing unit tests and introducing TDD. (MSTest)

## Senior Web Developer | Thomson Reuters PLC (Contract)

### October 2008 – December 2010

* Technical design and architecture of public facing editorial platform based on SharePoint Server 2007 WCM features. (ASP.NET, CSS, HTML).
* Delivered proof of concept WCM solution to business, including custom site templates, content types, page layouts, master pages, HTML, CSS and WebParts. (SharePoint 2007 Publishing)
* Development of WCF based service to integrate with existing chat room software to allow collaboration between content creators.
* Development of a public facing WCM solution based on SharePoint Server 2007 (http://frontiermarkets.thomsonreuters.com)

## SharePoint Consultant | Acision (Contract)

### March 2008 – October 2008

* Design and implementation of migration strategy to move from SharePoint 2003 to SharePoint Server 2007.

## Senior Web Developer | Dr Foster Intelligence (Contract)

### July 2007 – March 2008

* Development of two new web applications based on ASP.NET. (ASP.NET 2.0, SQL Server, Chart Controls, P&P Enterprise Application Block).

## Senior Web Developer | NHS Direct (Contract)

### March 2007 – July 2007

* Development of performance analysis tool for call centre staff based on ASP.Net 2.0, utilising forms-based authentication, ASP.Net AJAX and SQL Server 2005.
* Development of knowledge management proof of concept system based on SharePoint 2007 in collaboration with Microsoft Consulting Services.

## Senior Web Developer | Ford Motor Company (Contract)

### August 2006 – January 2007

* Development of improvements to web-based car configuration system. (VBScript, VB6, SQL Server, COM+)

## Windows Developer | Opta Sportsdata (Contract)

### April 2006 – August 2006

* Development of new post-match analysis tool for analysing football statistics. (WinForms, C#, Interop, Multithreading)

## Senior Web Developer | FOW TRADEData (Contract)

### March 2006 – April 2006

* Development of new tool for maintaining exchange trading data feeds. (ASP.NET, C#, SQL Server)
* Migration of existing solution from Access database to SQL Server 2000.

## Web & SQL Server Developer | Acxiom Limited UK

### August 2005 – March 2006

* Management of large charity donations database. (SQL Server 6.5)
* Migration of existing database from SQL Server 6.5 to 2000
* Development of new .NET based management UI. (ASP.NET, VB.NET)

## Web & SQL Server Developer | OCS Churchill

### February 2000 – August 2005

* Development of new VB6, COM+, SQL Server based resource management application.
* Development of embedded software for use in barcode scanners.
* Development of VBA based Microsoft Access applications for stocktaking.

## Developer | Elan Lifts

### October 1998 – February 2000

* Development of Microsoft Access based management system.
* Automation of AutoCAD based drawing using AutoLISP.