

# Alexander Williamson

## Full Stack Engineer

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Competent and driven individual with a can-do attitude, a thirst for knowledge and a passion for technology. Hard working, approachable, honest and open.

### ASOS, London, UK

April 2016

#### Senior Engineer (Contractor)

Developing and maintaining scalable Sitecore MVC applications and .NET solutions  
Azure at scale - Azure Service Fabric, Queues, Table & Blob Storage, Redis  
VSTS, Git, TeamCity, Powershell, xcopy and Octopus Deploy pipelines  
Saucelabs and Selenium for mobile web and mobile app testing  
Data imports, data migrations and T-SQL scripts  
Browser and application validation using Ruby, Watir, Selenium, C# and Javascript

### Just Eat UK PLC, London, UK

April 2014

#### Senior Engineer & Technical Team Leader (COG lead)

March 2016

Full stack developer, crafting resilient elastic applications in Amazon Web Services  
AWS EC2, Lambda, AutoScaling, ELBs, S3, EBS, RDS, DynamoDb, VPCs, Route53, IAM, etc.  
Github, nodeJs, C#, MVC, WebApi, OWIN, Nancy, Topshelf and OpenRasta  
End to end devops: developing, testing, CI, monitoring, on-call alerting and reporting  
Infrastructure as code, creating worker AMI images (Powershell, Ruby, AWS, NuGet)  
jQuery, Knockout, AngularJs, Protractor, Ruby, RSpec, RubyMine, etc.  
In-memory testing using OWIN, FakeServer, IISExpress, Protractor stubs and harnesses  
Monitoring and alerting using Graphite, Grafana, statsd and PagerDuty  
NLog, filesystem logs, ElasticSearch, Logstash and Kibana for logging (ELK)  
Mentoring and coaching of peers and junior developers

### EasyJet Airline Company Ltd, Luton, UK

December 2012

March 2014

#### .NET Developer (Agile)

Created and maintained high availability Azure services including Flight Tracker  
Azure, C#, Knockout, Less, MVC/Razor, WebAPI, jQuery, T-SQL  
Patterns, Dependency Injection/IOC (Castle Windsor, Moq)  
Lower level OSI diagnostics (Fiddler2, Microsoft Netmon, Procexp, Procmon)  
Live support/tracing and logging (Log4Net, Azure counters)  
Managed database change processes (T-SQL, Liquibase, Powershell, FinalBuilder)

### RedZebra Software Ltd, Long Crendon, UK

2011 - 2013

#### Systems Developer

Self starter; built and refactored .NET applications, services and websites.  
Replaced and simplified the existing architecture (CSLA.NET, .NET, Windows Server)

### Grampian Fasteners, Aberdeen

2008 - 2011

#### Systems Developer

N-tier VB.NET WinForms & ASP.NET, jQuery and the ASP.NET, Visual Studio & TFS  
Management team member. Primary external contact for IT. AD and Exchange admin.

### BBC Television, London

2008

#### Systems Developer

Representing De Montfort University, this was a four week research placement with  
two other students; critiquing game based animation packages for future TV shows.

### Novartis Animal Health, Basel, Switzerland

2006

#### First Level Supporter (University Placement)

Primary first level IT responsible – personally serving over 400 persons via phone, email and  
instant messaging both on-site and remotely.

This was a contested, sought after and fast paced internship in which a professional client  
facing image and working ethic was required at all times.

### BSc Hons. Internet Computing, De Montfort University, Leicester

2004 - 2008

#### First Class (1:1)

Level 1 – Java, Javascript, MSSQL, Apache, Unix  
Level 2 – OO Java, JSP, XSLT, SOAP, Oracle  
Level 4 – MySQL, PHP, CAN Networking, SMS, BT, WebServices, C++, VB.NET, C#

**Microsoft**  
CERTIFIED  
IT Professional



**Director - Dawes Software Ltd**

### Supporting Qualifications

AWS Certified Developer Associate  
gained July 2015

Microsoft Certified IT Professional  
Enterprise Administrator

Full UK Driving Licence

### Key Technical Skills

C# .NET, MVC, WebApi, OWIN, MVC  
excellent developer knowledge

Knockout, AngularJS, Javascript, jQuery  
excellent developer knowledge

VB.NET, ASP.NET, WinForms  
excellent developer knowledge

Azure Functions, AWS Lambdas  
good working knowledge

T-SQL, Stored Procedures, Migrations  
excellent developer knowledge

PHP, C++  
good working knowledge

### Infrastructure Skills

Amazon AWS VPC and services  
excellent working knowledge

Microsoft Azure  
excellent working knowledge

Microsoft Windows Server  
excellent working knowledge

Microsoft SQL Server  
good working knowledge

Microsoft Hyper-V & VMWare ESX  
good administrative knowledge

Unix administration  
good working knowledge

### Interests

Several ongoing personal coding  
projects, table foosball, travelling,  
walking, swimming, flying, sailing  
and motorsports.