

Alexander Williamson

Systems Developer

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Competent and driven individual with a can-do attitude, a thirst for knowledge and a passion for technology. I enjoy using my positivity, approachability and technical knowledge in exciting and challenging roles.

June 2017 **Trainline, London, UK**

Senior Software Engineer (contractor, renewed)

Developed and maintained core E-Commerce services & components
.NET Core & Framework, AWS, Microsoft SQL Server, T-SQL, dapper
Parallel testing in NUnit, xUnit, Specflow, Ruby, Powershell
Service and platform performance testing ensuring scalability and survivability
JMeter, New Relic, Kibana, PagerDuty, Microsoft Azure AppInsights
Encouraging devops; fostering a healthy monitoring and alerting culture

May 2016
to May 2017

ASOS, London, UK

Senior Software Engineer (contractor, renewed)

WebApi, Sitecore, Azure Table & Blob storage, Redis
Deployments via TeamCity, Powershell, xcopy and Octopus Deploy
Saucelabs and Selenium for mobile web and mobile app testing
Writing and maintaining T-SQL scripts. KETL data migrations
Validation and tooling using Ruby, Watir, Javascript, Selenium, C#

April 2014
to May 2016

JustEat, London, UK

Senior Engineer / Team Lead

Responsible and accountable for security, scalability and sustainability of components that make up the JustEat order journey plus other apps & stacks
Full stack developer, crafting resilient elastic applications in Amazon Web Services
EC2, Lambda, AutoScaling, ELBs, S3, EBS, RDS, Dynamodb, VPCs, Route53 etc.
End to end devops: developing, testing, CI, monitoring, alerting and reporting
Infrastructure as code, creating golden AMI images in Powershell and Ruby
In-memory testing using OWIN, FakeServer, IISExpress, Protractor stubs
Monitoring and alerting using Graphite, Grafana, statsd, PagerDuty, ELK stack
Ran workshops, also mentored and coached peers and junior developers
Cross discipline contributions driving improvements across the platform

December 2012
to March 2014

EasyJet Airline Company, Luton, UK

.NET Developer (Agile)

Maintained existing and created new stand-alone services and full-stack apps
Azure, C#, WebApi, Knockout, Less, MVC/Razor, jQuery, T-SQL, Powershell
Test-first approach using NUnit, xUnit, SpecFlow, FakeItEasy, Ruby, Watir
Maintained production services, debugged live issues
Fiddler, Microsoft Netmon, Log4Net, Azure, Custom Performance Counters

July 2011
to December 2012

RedZebra Software, Long Crendon, UK

Systems Developer

.NET WinForms apps & services, Crystal Reports, SQL, Windows Mobile, CSLA.NET

2008 to 2011

Grampian Fasteners, Aberdeen, UK

Systems Developer

Maintained an Active Directory domain including Exchange, .NET development

2006 to 2007

Novartis Animal Health, Basel, Switzerland

First Level Supporter (University Placement)

2004 to 2008

BSc Hons. Internet Computing, De Montfort University, Leicester

First Class (1:1)

Level 4: Final Year Project (MySQL, PHP, XHTML), CAN Networking, SMS, Bluetooth, SOAP/XML Web Services, C++, SDL, GLUT, OpenGL, Win32, VB.NET, C#
Level 2: OO Java, JSP, XSLT, XML, XHTML, CSS, C, Oracle
Level 1: Java, XHTML, CSS, JavaScript, SQL, Apache

Technical Skills

.NET Core, .NET Framework, .NET Standard
excellent developer knowledge

ASP.NET (plus ASPNETCore) WebAPI, OWIN
excellent developer knowledge

AngularJS, React, Knockout, jQuery
strong developer knowledge

T-SQL, Stored Procedures, FluentMigrator
strong developer knowledge

NoSQL, DynamoDB, MongoDB
strong developer knowledge

NUnit, xUnit, Specflow
excellent developer knowledge

Powershell, Active Directory
strong developer knowledge

Ruby, Watir, Ruby Gems, Rubymine
good working knowledge

Infrastructure Skills

Amazon Web Services
excellent working knowledge
previously AWS Certified Developer

Microsoft Azure
strong working knowledge

Microsoft Server 2008-2018
excellent working knowledge
previously MCITP certified

Microsoft SQL Server Enterprise
strong working knowledge

Monitoring via Grafite, Grafana, StatsD
strong working knowledge

Logs via Elasticsearch, Kibana, Logstash
strong working knowledge

CI, CD, Github, TeamCity
excellent working knowledge

Interests

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