

David COUGHLAN

Senior Full-stack Microsoft .NET Web Developer

SKILLS

BACK-END

- ASP.NET / MVC
- NET Core / C#
- Design Patterns
- Inversion of Control
- Dependency Injection
- TDD / MSTest

WEB SERVICES

- SOA / WebAPI
- RESTful / JSON / XML / XSD
- Google Maps API
- Ordnance Survey Maps API
- The New York Times API
- The Guardian API
- Salesforce API

DATABASE

- SQL Server
- Relational Database Design
- Database Administration
- Stored Procedures
- Entity Framework
- LINQ

FRONT-END

- HTML / CSS / Javascript
- Bootstrap / React JS
- Responsive Design
- Selenium

AGILE / SCRUM

- Story pointing
- Sprint planning
- Pair programming
- Continuous Integration
- Code reviews
- Retrospectives
- Trouble shooting
- Problem solving
- Issue resolution
- Stress testing
- Quality assurance

IDE & Source Control

- Visual Studio
- ReSharper
- Chrome Dev Tools
- GitHub
- Bitbucket
- Sourcetree
- Subversion
- TFS
- Visual Sourcesafe
- TeamCity
- Jira

Documentation

- Microsoft Office Word & Excel
- OpenOffice Writer & Calc

PROFILE

Highly versatile **Senior Full-stack Microsoft .NET Web Developer** with over two decades experience of designing, developing and successfully deploying robust and aesthetically pleasing corporate websites and webservices for public bodies and commercial organisations. Offering a broad range of internet disciplines and know-how including strong Back-end **.NET, MVC, C#, WebAPI** and **SQL Server**.

Coupled with essential Front-end **HTML, CSS, Javascript** and **React JS** skills with a clear appreciation of business inputs and requirements and a firm understanding of how to quickly deliver tangible benefits for Internet businesses. Consuming and publishing **Webservices** being a particular passion and common thread of interest and involvement. Intending and very much looking forward to re-joining the salaried web development work-space in 2023 after a productive and enjoyable voluntary career break sabbatical.

ACHIEVEMENTS

Wagtail UK & NASDU

Drug Detection Dog Handler

Trained and achieved the skills, knowledge and understanding required of a **Passive or Proactive Drug Detection Dog Handler**. Trained by Wagtail International School of Excellence (WISE) and accompanied the **Welsh Police Force** on searches of Pubs and Colleges during apprenticeship.

Tracker UK

Microsoft Web Developer

Upgraded the **Fleet Management** .NET framework and supporting windows and webservices to run in the **Amazon Web Service** cloud. Facilitating the **£multi-million** sale of the application to a third-party and subsequent smooth and seamless migration of 20,000 user vehicles.

Worked closely with the **Metropolitan Police Liaison Officer** and Secure Operating Centre personnel when applying performance upgrades to the **Stolen Vehicle Recovery** application responsible for reuniting owners with their prized possessions worth over **£1million** every month.

The Fork

Microsoft Web Developer

Back-end Web Developer within a productive Agile delivery team tasked with developing and supporting a high volume corporate website responsible for generating over **2million** restaurant cover reservations every month.

Jaywing & Salesforce

Microsoft Web Developer

Introduced automatic sales appointment exchanges between Jaywing and General Motors in the USA using .NET webservices and Salesforce notifications.

GeoVation Awards

Microsoft Web Developer

3rd Place podium finalist prize winner for an innovative website called **Plaque Guide** providing biographical portraits of commemorative blue plaques erected across London over the centuries. Incorporating **Google's Map** and **StreetView API's** alongside **Ordnance Survey OS Maps API**.

UK Research and Innovation

Microsoft Web Developer

Designed, developed and published a range of **Webservices** responsible for receiving research grant funding proposals from the 50,000 strong UK academic community worth over **£1billion** every year.

QUALIFICATIONS & AWARDS

- **2019 NASDU** Certified Level 3 Drug Detection Dog Handler (DDD)
- **2010 GeoVation Awards** 3rd Place podium finalist.
- **A Level** Economics, Statistics
- **O Level** Economics, Statistics, Maths, English, Technical Drawing, Metal work, Art

CONTACT

Mobile: **+44 (0) 7833 648 597**

Email: coughlan.dc@googlemail.com

Web: www.davidcoughlan.net

LinkedIn: www.linkedin.com/in/david-coughlan

EMPLOYMENT HISTORY

2019 – Present Voluntary Career Break Sabbatical

- Personal project pursuits including most recently research and development into Front-end React JS components.

2018 – 2019 Wagtail UK Wales Drug Detection Dog Handler

- Trained, qualified and achieved the skills, knowledge and understanding required of a NASDU Certified Level 3 **Passive or Proactive Drug Detection Dog Handler**. Accompanied the **Welsh Police Force** on surprise searches of Pubs and Colleges during training.

2015 – 2017 Tracker UK England Microsoft Web Developer

- Upgraded the **Fleet Management** .NET framework and supporting windows and **webservice**s to run in the **Amazon Web Service** (AWS) cloud, facilitating the **£multi-million** sale of the application to a third-party and subsequent smooth and seamless migration of 20,000 user vehicles. Comfortably avoiding substantial late delivery penalties.
- Worked closely with the **Metropolitan Police Liaison Officer** and **Secure Operating Centre** personnel when applying performance upgrades to the **Stolen Vehicle Recovery** application responsible for reuniting owners with their prized possessions worth over **£1million** every month.

2013 – 2015 The Fork England Microsoft Web Developer

- Back-end Web Developer within a productive Agile delivery team tasked with developing and supporting a high volume corporate website responsible for generating over **2million** restaurant cover reservations every month.

2011 – 2013 Giant Group Secondments England Microsoft Web Developer

- 2012 - 2013 **Virgin Atlantic Airways** England **Payment Card Industry** (PCI) modifications.
- 2011 - 2012 **IGD** England **Shopper Tracker** and **Supply Chain** websites.
- 2010 - 2011 **Jaywing** and **Salesforce** England Sales appointment webservice exchanges.

2009 - 2010 GeoVation Awards England Microsoft Web Developer

- Designed, developed, submitted and won 3rd place podium finalist for an innovative website called **Plaque Guide** providing biographical portraits of commemorative blue plaques erected across London over the centuries. Incorporating **Google Maps** and Street View API and **Ordnance Survey** OpenSpace Maps API.

2005 - 2009 UK Research and Innovation England Microsoft Web Developer

- Designed, developed and supported a range of “Document Exchange” webservices between the on-line **Joint Electronic Submission** system and the top seven Research Councils (**EPSRC, BBSRC, NERC, ESRC, MRC, AHRC** and **STFC**). Processing research grant funding proposals from the 50,000 strong academic community worth over **£1billion** every year. Involved in a number of significant cost-cutting initiatives netting combined efficiency gains estimated in the **£100millions**:including the merging of **PPARC** and **CCLRC** into **STFC, Grant Maintenance, Award Deliverables** and **Peer Review**.

1998 – 2004 Giant Group Secondments Microsoft Windows & Web Developer

- 2003 - 2004 **Decare** Ireland Dental Insurance website.
- 2002 - 2003 **Bromley Council** England Borough website. Introduced Care Home payments.
- 2001 - 2002 **Faber Music** England Music website. Introduced credit card payments.
- 2000 - 2001 **Spring** England Recruitment website. Introduced share participation.
- 1998 - 2000 **Wunderman Thompson** Netherlands Digital Marketing website for KLM Airlines.
- 1992 - 1996 **Gallagher & Robertson** England Windows Terminal Emulation (Visual Basic)
- 1991 - 1992 **Howden Group** England Insurance Electronic Data Exchange (EDIFACT)
- 1990 - 1991 **Stowe Computing** Australia Customs and Warehousing system.
- 1981 - 1988 **Honeywell** England COBOL, SCREENWRITE and Assembler