LEE OADES

SOFTWARE CONSULTANCY AND DEVELOPMENT // LEE OADES CONSULTING LTD

👤 ABOUT

Versatile, experienced developer and problem solver. Reliable, self-motivated, professional and positive can-do attitude, friendly bloke.

Previous clients range from large, financial corporations, to the games industry, charities and start-ups.

Embracing the latest technologies and serverless architectures. Continuously learning and improving.

Passionate about producing beautiful, well-tested, maintainable software, using best practices, industry standard design patterns and practices, improving user experiences, eliminating manual processes and improving staff efficiency, using an Agile and iterative approach.

Strong team player, providing technical leadership, guidance and mentoring to colleagues.

Excellent client facing and communication skills. Talented academic (1st Class Honours degree in Mathematics with Computer Science) with creative and systematic approach and excellent problem-solving abilities.

💼 WORK EXPERIENCE

BCS   Swindon
The Chartered Institute for IT
🌐 https://www.bcs.org/
September 2019 – August 2020

Senior Software Developer

Highlights

Candidate registration system : Multiple independent, asynchronous .NET Core microservices, APIs, ASP.NET MVC websites and a Blazor client app deployed to AWS.

Distributed, event driven architecture within AWS (SNS, SQS, Lambdas, DynamoDB).

Cleanly built components utilising Mediatr, built using TDD, XUnit and mock builders.

Also co-developed .NET Core web application to replace legacy system. Included simple isolated SPAs in Knockout and Typescript, dynamic creation of Excel and Word reports using business supplied templates, sending customised emails.

Nationwide
Swindon
The world's largest building society
🌐 https://www.nationwide.co.uk/
September 2018 – August 2019

Senior Software Developer

Highlights

Developed .NET Core backend services for a new, large and complex distributed system for Mortgage Consultants to process new mortgage applications.

Hosted in Docker containers using Kubernetes.

Event driven architecture over Kafka. Storage in MongoDB.

Integration with many existing legacy services.

BCS
Swindon
The Chartered Institute for IT
🌐 https://www.bcs.org/
June 2015 – August 2018

Senior Software Developer

Highlights

Built .NET Core ASP MVC url for exam invigilators - Knockout, Bootstrap, OAuth, SQL DB, deployed to Amazon AWS EC2

Developed .NET image processing algorithms for detecting answer from a photo of an exam paper, eliminating lighting abnormalities / shadows and determining which circles were coloured in. High profile project request from CEO, concept to delivery in 3 months.

Significantly improved customer experiences and replaced several tedious, internal, manual processes through automation. Used AWS Lambdas and Step Functions to integrate internal systems with 3rd party vendors, Salesforce APIs.

Implemented a complete workflow for Salesforce development team – introduced source control, continuous integration, automated deployments, environment specific configuration. Provided training, documentation and support.

Royal Bank of Canada - Capital Markets
London
🌐 https://www.rbc.com/
July 2013 – April 2015

Analyst Developer

Highlights

Front Office FX application provides live + historical data for quote and deal blotters, dealer intervention, position display.

WPF application.

Low latency streaming (RV & Solace into RX)

High unit test coverage and reduced regression costs through BDDs (nBehave).

Royal Bank of Scotland London
🌐 https://rbs.co.uk
September 2012 – July 2013

WPF Developer

Highlights

Back office P&L / Balance Sheet sign off application.

Multithreaded WPF application making heavy use of RX for its multithreading, receiving of updates, UI interaction etc.

Well-architected code and separation of concerns through MVVM, view-model first.

TDD maintains very high test coverage (+90%).

Trayport London
Trayport is the main platform that connects traders, brokers and utilities to the energy market's electronic trading and clearing systems
🌐 https://www.trayport.com/
January 2012 – August 2012

Silverlight Developer

Highlights

Flagship Commodities Trading Platform

Silverlight v5 multi-window out-of-browser application for traders providing live market prices.

Written in C# and F#. Created new features within the application as well as maintaining it, refactoring and improving its architecture, stability and performance, plus troubleshooting and fixing issues.

Autofac, MEF, RX, TDD, Moq, AgUnit, Silverlight Unit Testing Framework, SpecFlow, interop to C++ COM and Win32 components.

Agile methodologies, pair programming, peer reviews. Provided technical support to team members.

BNP Paribas · London
The largest French banking group and the largest bank in the Eurozone
🌐 https://institutional.bnpparibas-am.com/
August 2010 – December 2011

Senior Developer

Highlights

Developed enhanced WPF application framework including layouts, state persistence, magnetic windows, cross-process communication and eventing, common controls and styling and more

Live FX Trades blotter WPF windows application that displays live, filterable grids of FX trade data. TOC subscription service, communication using Protobuffers through RV layer, application used RX to throttle incoming data.

Live FX Position monitor WPF app that displays live FX positions on animated bar charts. Data can be drilled into to display different cuts e.g. by currency pair, client sector, region etc. Windows service uses continuous queries onto Coherence database and MDX queries into OLAP Cube.

◎ CONTACT

📍 **Marlborough, Wiltshire UK**

📞 **+44 (0)7946 233 130**

✉️ **lee.oades@gmail.com**

linkedin
leeoades

github
leeoades

stackoverflow
lee-oades
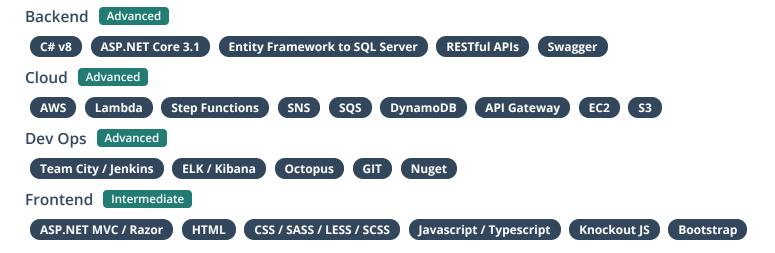
🏛 EDUCATION

1993 1996

The University of Southampton
🌐 https://www.southampton.ac.uk/
🎓 Bachelor of Science

Mathematics with Computer Science

Grade: 1st class with honours

☰ SKILLS

Backend `Advanced`

`C# v8` `ASP.NET Core 3.1` `Entity Framework to SQL Server` `RESTful APIs` `Swagger`

Cloud `Advanced`

`AWS` `Lambda` `Step Functions` `SNS` `SQS` `DynamoDB` `API Gateway` `EC2` `S3`

Dev Ops `Advanced`

`Team City / Jenkins` `ELK / Kibana` `Octopus` `GIT` `Nuget`

Frontend `Intermediate`

`ASP.NET MVC / Razor` `HTML` `CSS / SASS / LESS / SCSS` `Javascript / Typescript` `Knockout JS` `Bootstrap`

♥ INTERESTS

Watching films

Playing acoustic guitar

All things electric cars

Playing poker, preferably winning.

Playing football

☑ REFERENCES

I've had the pleasure of working with Lee on a couple of occasions in the past decade, both long term consultant hires, and cannot recommend highly enough his skills and the way that he delivers them into teams and projects.

When you hire Lee you're hiring much more than a professional, experienced, trusted and battle-hardened software developer.

As well as the high quality outputs that you'd expect from a consultant developer like Lee, he also adds his abilities to generate, foster and maintain high levels of enthusiasm and collaboration in any team that he joins.

(extract from LinkedIn)
— Dale Titcombe, Head of IT, BCS, The Charter Institute for IT

I have worked with Lee for many years, crossing several contracts / projects and I cannot rate him highly enough.

Lee has been instrumental in revolutionising our ways of working and has never let me down when it comes to delivering quality product. He's also completely autonomous and finds ways of filling gaps even between tasks.

(extract from LinkedIn)

— Ken Maes, Application Development Manager, BCS, The Charter Institute for IT