



# The 21<sup>st</sup> Century IT Professional

Lisa Griffiths

A large, stylized teal chevron pointing to the right, positioned behind the text "High performance. Delivered."

High performance. Delivered.

Strategy | Consulting | Digital | Technology | Operations

# About Me



Lloyds TSB

T.K.maxx

>  
accenture

centrica



London  
Stock Exchange

LCH.CLEARNET

digiplug  
solutions for digital distribution

# Agenda

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- “Traditional Roles” in the IT Industry
- Some Current and Emerging Trends
  - How these trends affect IT roles
  - Emerging Roles
- Q&A / Open Discussion

# Traditional IT Roles

## Initiate

Business Analyst

Requirements Analyst

## Design

Graphic Designer

Usability Expert

Functional Designer

Technical Designer

Architect

## Build

Developer

Build Team Lead

Technical Writer

## Test

Functional Tester

Technical Tester

Test Team Lead

## Run

Systems Admin

Network Admin

Application Support

DBA

Security Specialist

Infrastructure Support

Project / Programme Manager

# The Global Marketplace

# Global Marketplace: Impact on Roles

## Initiate

Business Analyst

Requirements Analyst

## Design

Graphic Designer

Usability Expert

Functional Designer

Technical Designer

Architect

## Build

Developer

Build Team Lead

Technical Writer

## Test

Functional Tester

Technical Tester

Test Team Lead

## Run

Systems Admin

Network Admin

Application Support

DBA

Security Specialist

Infrastructure Support

Project / Programme Manager

Agile

# Agile: Impact on Roles

## Initiate

Business Analyst  
Requirements Analyst  
Business Owner

## Design

Graphic Designer  
Usability Expert  
Functional Designer  
Technical Designer  
Architect

## Build

Developer  
Build Team Lead  
Technical Writer  
Scrum Master

## Test

Functional Tester  
Technical Tester  
Test Team Lead

## Run

Systems Admin  
Network Admin  
Application Support  
DBA  
Security Specialist  
Infrastructure Support

Project / Programme Manager



Dev Ops

# Dev Ops: Impact on Roles

## Initiate

Business Analyst

Requirements Analyst

## Design

Graphic Designer

Usability Expert

Functional Designer

Technical Designer

Architect

## Build

Developer

Build Team Lead

Technical Writer

## Test

Functional Tester

Technical Tester

Test Team Lead

**Developer-in-test**

## Run

**Systems Admin**

Network Admin

Application Support

DBA

Security Specialist

Infrastructure Support

Project / Programme Manager

# Big Data, Analytics and NO-SQL

# Big Data, Analytics and NO-SQL: Impact on Roles

## Initiate

Business Analyst  
Requirements Analyst

## Design

Graphic Designer  
Usability Expert  
Functional Designer  
Technical Designer  
Architect  
**Data Scientist**

## Build

Developer  
Build Team Lead  
Technical Writer

## Test

Functional Tester  
Technical Tester  
Test Team Lead

## Run

Systems Admin  
Network Admin  
Application Support  
**DBA**  
Security Specialist  
Infrastructure Support

Project / Programme Manager

Cloud

# Cloud: Impact on Roles

## Initiate

Business Analyst

Requirements Analyst

## Design

Graphic Designer

Usability Expert

Functional Designer

Technical Designer

**Architect**

## Build

Developer

Build Team Lead

Technical Writer

## Test

Functional Tester

Technical Tester

Test Team Lead

## Run

Systems Admin

Network Admin

Application Support

DBA

Security Specialist

**Infrastructure Support**

Project / Programme Manager

# Robotics

# Cloud: Impact on Roles

## Initiate

Business Analyst

Requirements Analyst

## Design

Graphic Designer

Usability Expert

Functional Designer

Technical Designer

Architect

## Build

**Developer**

Build Team Lead

Technical Writer

## Test

**Functional Tester**

Technical Tester

Test Team Lead

## Run

Systems Admin

Network Admin

Application Support

DBA

Security Specialist

Infrastructure Support

Project / Programme Manager



# Summary

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We are living in a globally connected, fast paced, polyglot world. We are expected to deliver quickly and directly, and things are only going to get bigger, smaller, faster, more connected and more numerous...

...BUT...

The key skills that we need are not going to change:

- Logic
- Numeracy
- Literacy
- Tenacity
- Communication
- and an Eagerness to Learn

**Q&A**

## Further Reading

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Accenture Technology Vision

<https://www.accenture.com/us-en/insight-technology-trends-2016>

The Agile Manifesto

<http://www.agilemanifesto.org/>