



# Demystifying Tech: Software Development

This 1-hour presentation aims to give L&D and HR professionals an overview of the key foundations of Software Development to help understand how learning goals relate to actual business activities, and give insights around skills requirements for new hires / talent acquisition.

#### **Digital Transformation**

What is Digital Transformation?

#### **Development Languages**

- Web Development
- Mobile App Development
- Services, Microservices and Business Systems Development

#### **Tools and Technologies**

How does it all fit together?

#### **Platforms / Cloud**

 An overview of popular cloud platforms (Amazon Web Services, MS Azure...)

# Recruiting for Software Development Roles

- Developers
- Engineers
- Architects
- DevOps
- Testers / QA

### Brief overview of Agile/Scrum

- What is Agile
- Where does Scrum fit in?

#### **Questions and Answers**



## **DevOps**



- Microservices / Kubernetes / Docker
- Azure DevOps
- IaaS / Terraform / Ansible
- Git / CI/CD with Jenkins

# **Popular Courses**

# **Coding**



- Modern JavaScript
- React / Angular / Next / Vue
- C# / .NET 5 / .NET Core / MVC
- Python / Rust / Go
- Java / Scala / Kotlin

### **Architecture**



- Kafka / Rabbit MQ / ActiveMQ
- BizTalk
- Web Services

# Agile



- Agile Development
- Scrum
- Kanban
- Test Driven Development
- Behaviour Driven Development

# Security



- Secure Coding / OWASP
- PCI DSS
- Mobile Security
- Cyber Awareness

#### **Data**



- Data Visualisation
- Machine Learning
- Business Intelligence
- SQL / NoSQL databases
- Cloud Data / AWS / Redshift / DynamoDB

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Certified

