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Bridge Arrow Sdn Bhd

# Courses and Learning Paths



# Cloud Computing

## ROLE-ALIGNED LEARNING PATHS

### AWS Cloud Architect

- AWS Technical Essentials
- AWS Developer Associate
- AWS Database Migration
- AWS SysOps Associate
- AWS Solutions Architect

### Azure Cloud Architect

- Microsoft Azure Fundamentals
- Microsoft Certified: Azure Administrator Associate AZ:103
- Microsoft Certified Azure Developer Associate: AZ:203
- Microsoft Azure Architect Technologies: AZ:300
- Microsoft Azure Architect Design: AZ-301

### Cloud Architect

- AWS Solutions Architect
- AWS SysOps Associate
- Microsoft Azure Fundamentals
- Microsoft Certified: Azure Administrator Associate AZ:103
- Microsoft Azure Architect Technologies: AZ:300
- Microsoft Azure Architect Design: AZ-301
- Google Cloud Platform - Architect
- Cloud Capstone Project

# Cloud Computing

## COURSES

### Foundation

- Introduction to Cloud Computing

### Intermediate/Practitioner

- AWS Solutions Architect
- AWS Developer Training
- AWS SysOps Training
- Azure Certified Solution Architect – AZ-300
- Azure Certified Solution Architect – AZ-301
- Azure certified Developer-AZ 204
- Azure certified Developer-AZ 104

# DevOps

## ROLE-ALIGNED LEARNING PATHS

### DevOps Engineer

- DevOps Certification Training
- Git and GitHub Training
- CI/CD Pipelines with Jenkins
- Docker Certified Associate(DCA)
- Certified Kubernetes Administrator
- DevOps on AWS
- AWS Developer Associate
- DevOps Capstone Project

## COURSES

### Intermediate/Practitioner

- DevOps Certification Training
- Certified Kubernetes Administrator
- CI/CD Pipelines with Jenkins
- Docker Certified Associate

# Software Development

## ROLE-ALIGNED LEARNING PATHS

### Automation Test Engineer

- Phase-1: Implement software development and database fundamentals through agile
- Phase-2: Get started with Functional Testing, TDD, and DevOps integration
- Phase-3: Test and monitor your applications through Non-functional and API Testing
- Phase-4: Learn mobile automation and cloud testing
- Automation test engineer Capstone

### Full Stack: MEAN

- Phase 1 - Get started with web development
- Phase 2 - Create websites using Front and Back-end frameworks
- Phase 3 - Create scalable and dynamic websites
- Phase 4 - Test your application
- Full Stack MEAN Developer Capstone Project

# Software Development

## ROLE-ALIGNED LEARNING PATHS

### Full Stack: DOT NET

- Phase 1 - Agile, Git, and Basics of C# Programming
- Phase 2 - Creating Frontend
- Phase 3 - Database Connectivity and Web Services Using ASP .NET
- Phase 4 - .NET Application Testing and Deployment
- Full Stack DOT NET Capstone Project

### Full Stack: JAVA

- Phase-1: Implement OOPS using JAVA with Data Structures and Beyond
- Phase-2: Become a back-end expert
- Phase-3: Implement Frameworks the DevOps way
- Phase-4: Develop a Web Application using frontend stack
- Phase-5: Testing in a DevOps Lifecycle
- Full Stack Java Developer Capstone Project

# Software Development

## COURSES

### Awareness/Foundation

- Python Training
- Java Certification
- Angular Training
- Selenium Training
- Node.js Training
- React.js Training
- Introduction to Robotic Process Automation (RPA)
- Introduction to IoT
- Salesforce Administrator and App Builder
- Blockchain Developer Training
- RPA with Ui Path
- Automation Anywhere Certified Advanced RPA Developer

# Data Science and AI

## ROLE ALIGNED LEARNING PATHS

### Data Scientist

- Data Science in Real Life
- Statistics Essential for Data Science
- R Programming for Data Science
- Data Science with R
- Python for Data Science
- Data Science with Python
- Machine Learning
- Tableau Desktop 10 Qualified Associate Training
- Data Science Capstone

### Data Analyst

- Introduction to Data Analytics
- Statistics Essential for Data Science
- SQL Training
- Python for Data Science
- Data Visualization with Python
- Programming Basics and Data Analytics with Python
- R Programming for Data Science
- Data Visualization with R
- Data Science with R
- Tableau Desktop 10 Qualified Associate Training
- Business Analytics with Excel
- Power BI
- Data Analyst Capstone



# Data Science and AI

## ROLE ALIGNED LEARNING PATHS

### Artificial Intelligence Engineer

- Introduction to Artificial Intelligence
- Statistics Essential for Data Science
- Python for Data Science
- Data Science with Python
- Machine Learning
- Deep Learning Fundamentals
- Deep Learning with Keras and TensorFlow
- Advanced Deep Learning and Computer Vision
- Natural Language Processing
- AI Capstone

# Data Science and AI

## COURSES

### Awareness/Foundation

- Introduction to Artificial Intelligence
- Introduction to Data Analytics

### Intermediate/Practitioner

- Data Science with R
- Business Analytics with Excel
- Data Science with Python
- Machine Learning
- Tableau Desktop 10 Qualified Associate Training
- Power BI
- Deep Learning with Keras and Tensorflow

# Big Data Engineer

## ROLE-ALIGNED LEARNING PATHS

### Big Data Engineer

- Big Data for Data Engineering
- Data Engineering with Hadoop
- Data Engineering with Scala
- Big Data Hadoop and Spark Developer
- Apache Kafka
- Python for Data Science
- PySpark
- MongoDB Developer and Administrator
- AWS technical Essentials
- Big Data on AWS
- Big Data Capstone

## COURSES

### Intermediate/Practitioner

- Big Data Hadoop and Spark Developer
- MongoDB Developer and Administrator Certification Training
- Big Data on AWS

# Cyber Security

## ROLE-ALIGNED LEARNING PATHS

### Cyber Security Expert

- Introduction to Cyber Security
- CompTIA Security+ 501
- CEH®(V10) Certified Ethical Hacker
- CISM® Certified Information Security Manager
- CISSP® Certified Information Systems Security Professional
- CCSP® Certified Cloud Security Professional

## COURSES

### Awareness/Foundation

- Introduction to Cyber Security

### Intermediate/Practitioner

- CISA® Certified Information Systems Auditor
- CISSP® Certified Information Systems Security Professional
- CEH®(V10) Certified Ethical Hacker
- CCSP® Certified Cloud Security Professional
- CompTIA Security+ 501

# Digital Marketing

## ROLE-ALIGNED LEARNING PATHS

### Digital Marketing Associate (DMA)

- Digital Marketing 101
- Mastering SEO, Content Marketing, PPC and Digital Analytics
- Mastering Social Media, Mobile Marketing and Digital Strategy
- HubSpot Email Marketing Certification Training
- Digital Marketing Capstone

### Digital Marketing Specialist

- Mastering SEO, Content Marketing, PPC and Digital Analytics
- Mastering Social Media, Mobile Marketing and Digital Strategy
- Advanced Web Analytics
- Advanced Search Engine Optimization (SEO)
- Advanced Pay Per Click (PPC)
- Advanced Social Media
- Advanced Mobile Marketing
- Advanced Email Marketing
- Advanced Content Marketing
- Advanced Website Conversion Rate Optimization
- HubSpot Email Marketing Certification Training

# Digital Marketing

## COURSES

### Awareness

- Digital Transformation for Leaders
- Digital Strategy for Brand Marketing

### Advanced

- Advanced Pay Per Click (PPC) Certification Program
- Advanced Search Engine Optimization (SEO) Certification Program
- Advanced Social Media Certification Program

# Project Management

## ROLE-ALIGNED LEARNING PATHS

### Digital Project Manager

- PMP®
- Agile Scrum Master
- Lean Six Sigma Green Belt
- DevOps Certification
- Digital Transformation for Leaders
- Introduction to Data Analytics & Introduction to Artificial Intelligence
- Digital Marketing for Leaders

### PMP Renewal Pack

- Lean Six Sigma Green Belt
- Microsoft Project 2013
- PMI-RMP®

## COURSES

### Awareness/Foundation

- CAPM®
- PRINCE2® Foundation
- Introduction to Project Management

### Intermediate/Practitioner

- MSP Foundation and Practitioner
- PMI-PgMP®
- PMP®
- PMI-RMP®
- PRINCE2® Foundation and Practitioner
- PRINCE2 Agile Foundation and Practitioner

# Agile and Scrum

## COURSES

### Awareness/Foundation

- Agile Scrum Foundation

### Intermediate/Practitioner

- PMI-ACP® (Agile Certified Practitioner)
- Agile Scrum Master



# IT Service and Architecture

## ROLE-ALIGNED LEARNING PATHS

### ITIL Lifecycle Expert

- ITIL® Intermediate CSI
- ITIL® Intermediate SD
- ITIL® Intermediate SO
- ITIL® Intermediate SS
- ITIL® Intermediate ST
- ITIL® Managing Across the Lifecycle (MALC)

### ITIL Capability Expert

- ITIL® Intermediate OSA
- ITIL® Intermediate PPO
- ITIL® Intermediate RCV
- ITIL® Intermediate SOA
- ITIL® Managing Across the Lifecycle (MALC)

### ITIL Managing Professional (MP)

- ITIL Create Deliver & Support
- ITIL Drive Stakeholder Value
- ITIL High Velocity IT
- ITIL Direct Plan and Improve

# IT Service and Architecture

## COURSES

### Awareness/Foundation

- ITIL® V3 Foundation
- ITIL® 4 Foundation

### Intermediate/Practitioner

- ITIL® Intermediate CSI
- ITIL Intermediate OSA
- ITIL® Intermediate PPO
- ITIL® Intermediate RCV
- ITIL® Intermediate SD
- ITIL® Intermediate SO
- ITIL® Intermediate SOA
- ITIL® Intermediate SS
- ITIL® Intermediate ST
- ITIL® MALC
- TOGAF® 9 Combined level 1 and level 2 Training
- ITIL Managing Professional Transition Module
- ITIL 4 Specialist: Create, Deliver and Support
- ITIL® 4 Strategist: Direct, Plan, and Improve
- ITIL® 4 Specialist: High Velocity IT Course
- ITIL® 4 Specialist: Drive Stakeholder Value Course

# Business and Leadership

## ROLE-ALIGNED LEARNING PATHS

### Business Analyst

- Agile Scrum Master
- Business Analytics with Excel
- SQL Training
- Tableau Desktop 10 Qualified Associate Training
- CBAP

# Business and Leadership

## COURSES

### Awareness/Foundation

- Digital Transformation for leaders
- CCBA®

### Intermediate/Practitioner

- CBAP®

# Quality Management

## ROLE-ALIGNED LEARNING PATHS

### Lean Six Sigma Expert

- Lean Management
- Certified Lean Six Sigma Green Belt
- Minitab®
- Certified Lean Six Sigma Black Belt

## COURSES

### Awareness/Foundation

- Lean Management

### Intermediate/Practitioner

- Certified Lean Six Sigma Black Belt
- Certified Lean Six Sigma Green Belt