Sky Turbo Leaders Programme Outline

Sky SRE Level 3 Programme Outline

Client Relationship Director: Sam Gilkes

Learning Consultant: Phillip Chan

Programme Outline

Module 1 – SRE Principles

SRE Foundation (DOICSREFD) - Launch Event

DOICSREP, Certified DevOps Site Reliability Engineering (SRE) Practitioner – classroom 3-day course

ITIL4F, ITIL(R) 4 Foundation Certificate in IT Service Management – digital, self-paced

Module 2 – SRE in Practise Part 2: Automation & Containerisation

Introduction to Ansible – digital, self-paced

QAAIP, Ansible in Practice – classroom, 2-day course

Infrastructure Developer's Guide to Terraform: AWS & GCP Edition – digital, self-paced

Docker – digital, self-paced

LFS458, Kubernetes Administrator (CKA) – classroom, 4-day course

Kubernetes Security – digital, self-paced

AMWSAEKS, Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS) – classroom, 3-day course

Amazon EKS - Hands-On Deploying and Managing Containerized Workloads – digital, self-paced

GCPGSGKE, Getting started with Google kubernetes engine – classroom, 1-day course

Developing for Google Kubernetes Engine – digital, self-paced

Amazon EKS - Hands-On Deploying and Managing Containerized Workloads - digital, self-paced

Module 3 – Windows OS

QAWS22ISC, Installation, Storage and Compute with Windows Server 2022, classroom 5-day course

MAZ040, Automating Administration with Windows PowerShell, classroom 5-day course

QAWS22SAS, Security and Advanced Services for Windows Server 2022, classroom 5-day course

PowerShell Byte – digital, self-paced

Module 4 – Development

Learning GIT – digital, self-paced

Python: Introduction to Unit-testing – digital lab, self-paced

QAPYTH3, Python 3 Programming – classroom, 4-day course

JavaScript for Beginners – digital, self-paced

Node JS – digital, self-paced

Advanced JavaScript – digital, self-paced

Module 5 – Database

SQL Custom Learning pathway – digital, self-paced

AMWSDPD, Planning and Designing Databases on AWS – classroom, 3-day course

Amazon RDS Customer Learning pathway – digital, self-paced

OR

Introduction to Google Cloud Firestore and Datastore – digital, self-paced

Google Database Services custom pathway – digital, self-paced

Amazon RDS (Custom Path)

Module 6 – Cloud

Learning GIT First-hand Pathway – digital, self-paced

AMWSSEC, Security Engineering on AWS – classroom, 3-day course

AWS Security, Identity and Compliance – digital, self-paced

Storage Fundamentals for AWS – digital, self-paced

AMWSA, Architecting on AWS – classroom, 3-day course

OR

GCPSECGCP, Security in Google Cloud – classroom, 3-day course

Google Professional Cloud Security Engineer Exam Prep – digital, self-paced

Google Storage – digital, self-paced

Google Cloud Professional Cloud Architect (GCPPCACIAB) includes GCPAGCP, GCPADP & GCPPPCAE – classroom, 5-day course

Google Cloud Professional Cloud Architect Exam Preparation – digital, self-paced

Google Cloud Professional Cloud Architect Exam Preparation - digital Pathway