Fundamentals of Cloud Computing & Migration

Course Outline

Topics include the following:
- Cloud overview
- Fundamentals of Cloud Systems
- Virtualisation
- Cloud Infrastructure Mechanisms
- Cloud Design for High Availability
- Digital Disruptions Catalysed by Cloud
- Comparison of Different Types of Clouds
- Migration to Cloud
- Deploying and on-premises application to Cloud
- Cloud Security
- Cloud Economics & IT Decision Making

Trainer's Profile

Dimuthu Makawita

Dimuthu Makawita graduated from the University of Colombo with a B.Sc. in Computer Science (Hons) and holds a Master of Science (Computer and Information Sciences) from the National University of Singapore, and a Master of Arts (Instructional Design & Technology) from the National Institute of Education / Nanyang Technological University. He has been a full-time lecturer at School of InfoComm Technology, Ngee Ann Polytechnic, since 2000. He is an AWS Certified Cloud Practitioner. Dimuthu has contributed to the Cloud Computing Body of Knowledge (BOK) by authoring a chapter on Cloud Testing. This BOK was jointly developed by the Info-communications Media Development Authority of Singapore (IMDA) and the Singapore Computer Society (SCS), and was published in 2017. He has also published research papers in the area of Data Mining, and co-authored a textbook in the area of Interface Design. He holds the WDA Advanced Certificate in Training and Assessment (ACTA), and has experience in conducting CET courses for adult learners. He has experience in working in consultancy projects.

Ismail Ahmed Fulu

Ismail Ahmed Fulu graduated from the University of Southern Queensland with a degree in Bachelor of Information Technology and holds a Master of Science (Computer and Information Sciences) from the National University of Singapore, and a Master in Counselling from Monash University. He has been a full-time lecturer at School of InfoComm Technology, Ngee Ann Polytechnic, since 2000. He is a Microsoft Certified Professional and holds Certified Cloud computing Professional and Certified Cloud
Security Specialist certificated from GSTF. He holds the WDA Advanced Certificate in Training and Assessment (ACTA), and has experience in conducting CET courses for adult learners. Fulu also co-authored textbooks for the students of School of ICT in the areas of Event Driven Programming and Business Information Systems.