WEB

DEVELOPER

FOUNDATION

COURSE

iKompass course **WEB DEVELOPMENT**

FEATURES

- 6 Days classroom
- Certification
- Based on best practices
- Essential Knowledge

EXAM

A **Online**
You will take the exam after class

B **40 Questions**
You will have 50 minutes to complete the exam

C **Certification**
ITPACS

D **Type of Questions**
Multiple choice and open book

TYPICAL DAY

AM 9-10 **Concept explanation**
Our trainers will explain the concept and show you the steps

AM 10-12 **Learn by Doing**
You will complete the steps that the trainer showed you

PM 1-3 **Challenge of the Day**
Each day you will work on a case study

PM 3-5 **Demo & Retrospective**
We will randomy chose one groups' work to review

Registration

EMAIL contact@ikompass.edu.sg

CALL +65 66381203

ENROLL www.ikompass.edu.sg

Data science Workshop

WHAT IS COVERED

PYTHON
STRINGS
LISTS
SETS
DICTIONARY
FUNCTIONS

JAVASCRIPT
Functions
DOM
MAP, REDUCE
ARRAYS
LISTENERS

HTML/CSS
BOOTSTRAP
JINJA
LAYOUTS
CDN

FLASK
MICROSERVICES
MVC
VIEWS
CLASS
BLUEPRINTS

DATABASES
Postgres
MongoDB
Encryption
ORM

Amazon ec2
EC2
Clusters
IAM
RDS
SECURITY GROUPS

DOCKER
CONTAINERS
DOCKER MACHINE
DOCKER COMPOSE
TDD

CLOUD DEPLOYMENT
Computing clouds provide on-demand, horizontal, scalable computing resources with no upfront capital investment, making them an ideal environment to perform occasional large-scale Hadoop computations.

OTHER STUFF.....
RESTFull
REACT
JWT TOKENS
BCRYPT
CORS

CASE STUDY

We will build a full stack web application using test driven development methods. The application will incorporate elements of microservices. Functionality will be added in an incremental manner. Some of the functionality that we will cover include login, account creation, fetching data from API's, updating databases and forms.

In addition to the in class project, participants are expected to work on a personal project in parallel. By the end of the 6 days, participants will have a fully functional web application deployed on a cloud.

Microservices are an application architecture style where independent, self-contained programs with a single purpose each can communicate with each other over a network. Typically, these microservices are able to be deployed independently because they have strong separation of responsibilities via a well-defined specification with significant backwards compatibility to avoid sudden dependency breakage.

EXPERT TRAINERS

ROSHAN

Roshan is a Data Scientist and has over 14 years experience in building models and big data applications. He has worked with fortune 500 companies running large scale software projects in various roles including that of project manager, solution architect, sponsor and development lead. Roshan has been developing cloud applications for his enterprise clients in the area of finance and payment systems. His main strengths lies leveraging insights obtained from machine learning.

SANAT

Sanat has extensive expertise in Cloud computing and Virtualization technologies. He brings to the table hands-on knowledge in Virtual Desktop Infrastructure (VDI) – private cloud. His technical proficiencies cover Private/Public Cloud technologies- Amazon EC2, Windows Azure, Eucalyptus, OpenStack. Sanat is a Certified Trainer for Cloud and Virtualization Essentials courses from Cloud Credential Council.

CERTIFIED TRAINING PARTNER

CLOUD CREDENTIAL COUNCIL

ITPACS

PMI Registered Education Provider

Project Management Institute

WEB DEVELOPER FOUNDATION	Singaporean					Singapore PR	Local Student
	SELF SPONSORED Above 40	SELF SPONSORED Less than 40	COMPANY SPONSORED (MNC) Above 40	COMPANY SPONSORED (MNC) Less than 40	COMPANY SPONSORED (SME) Less than & Above 40	COMPANY SPONSORED OR SELF SPONSORED or less than 40 or above 40	
COURSE FEES S$	3990	3990	3990	3990	3990	3990	3990
EXAM FEES S$	237.6	237.6	237.6	237.6	237.6	237.6	237.6
GST S$	295.9	295.9	295.9	295.9	295.9	295.9	295.9
FUNDING	90%	70%	90%	70%	90%	70%	100%
CITREP CLAIM S$	3804.8	2959.3	3804.8	2959.3	3804.8	2959.3	4227.6
FEES AFTER FUNDING	718.7	1564.2	718.7	1564.2	718.7	1564.2	295.9

Participant needs to make full payment to the training provider. Funding will be reimbursed by the relevant government agency after course completion.

2 CERTIFICATIONS

1. CAWD - MICROSERVICES
2. CADS - MACHINE LEARNING BASICS

ITPACS

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