

# CERTIFIED IOT ARCHITECT

## About The Certification

The IoT Architect track comprises three courses that develop skills in Internet of Things (IoT) technology and architecture, along with proficiency in radio protocols, telemetry messaging and IoT architecture layers. The final course module consists of a series of lab exercises that require participants to apply their knowledge of the preceding courses in order to fulfill project requirements and solve real world problems. Completion of these courses as part of a virtual or on-site workshop results in each participant receiving an official digital Certificate of Completion, as well as a digital Training Badge from Acclaim/Credly. To achieve the IoT Architect Certification, Exam IOT90.01 must be completed with a passing grade.

A Certified IoT Architect understands the business value behind the utilization of the Internet of Things, and has demonstrated proficiency in the design of IoT devices and solutions with scalable connectivity and based on a range of functional distribution models, including models based on edge computing

## Core Modules

### IoT Module 1 – Fundamental IoT



This course covers the essentials of the field of Internet of Things (IoT) from both business and technical aspects. Fundamental IoT use cases, concepts, models and technologies are covered in plain English, along with introductory coverage of IoT architecture and IoT messaging with REST, HTTP and CoAp.

Fees for IoT Module 1 Only: ~~US\$ 198~~ US\$ 99

## IoT Module 2 – IoT Technology and Architecture



This course provides a drill-down into key areas of IoT technology architecture and enabling technologies by breaking down IoT environments into individual building blocks via design patterns and associated implementation mechanisms. Layered architectural models are covered, along with design techniques and feature-sets covering the processing of telemetry data, positioning of control logic, performance optimization, as well as addressing scalability and reliability concerns.

Fees for IoT Module 2 Only: ~~US\$ 198~~ US\$ 99

## IoT Module 3 – IoT Technology and Architecture Lab



This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will help prove hands-on proficiency in IoT concepts, technologies, architecture models and devices, as they are applied and combined to solve real-world problems.

Fees for IoT Module 3 Only: ~~US\$ 198~~ US\$ 99

## For Certification

If you are keen on obtaining a Certification, we recommend you purchase the Certified IoT Architect Certification bundle as the bundled pricing works out cheaper than buying Modules individually. The bundle includes all the 3 modules. The purchase of this bundle gives you access to a 1 year subscription.

The Artificial Intelligence (AI) Specialist track comprises three courses that develop skills in AI practices and learning approaches, as well as Neural Network architectures, cell types and activation functions

1. IoT Module 1: Fundamental IoT
2. IoT Module 2: IoT Technology & Architecture
3. IoT Module 3: IoT Technology & Architecture Lab

Completion of these courses and the IoT Architect Certification, Exam IOT90.01 with a passing grade results in each participant receiving an official Digital Certificate of Completion, as well as a Digital Training Badge from Acclaim/Credly.

Fees: ~~US\$ 297~~ US\$ 237.60

## IoT Architect Exam IOT90.01

This is a purchase of the IoT Architect Exam IOT90.01. To take this exam you should have completed the following modules:

1. IoT Module 1: Fundamental IoT
2. IoT Module 2: IoT Technology & Architecture
3. IoT Module 3: IoT Technology & Architecture Lab

Fees: US\$ 249

## The Company



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EZY Skills is an Affiliate of Inspiring Projects and is authorised to sell accredited Inspiring Project courses to the domestic and “exclusively online” to the international market.