

**Usama Ahmad**

ID#: 59c7a15e-70b8-4395-93c7-acac5cab503e

Birth Date: 1 June 2002

za5232208@gmail.com

[www.credly.com/users/usama-ahmad.1ae80527](https://www.credly.com/users/usama-ahmad.1ae80527)

## Introduction to Cloud Computing

Issued by: Coursera

Authorized by: IBM

Issued to: Usama Ahmad

Issued on: 29 October 2022

### Description

This badge earner understands the basics of cloud technology and is able to describe cloud platforms and models including IaaS, PaaS, SaaS, and public, private and hybrid multiclouds. The badge earner is familiar with essentials of cloud applications and terms like Virtualization, VMs, Containers, Object Storage, Microservices, Serverless, Cloud Native, and DevOps. The individual has also gained hands-on experience at creating a cloud account and provisioning services on IBM Cloud.



## Developing Cloud Native Applications

Issued by: Coursera

Authorized by: IBM

Issued to: Usama Ahmad

Issued on: 30 October 2022

### Description

This credential earner has foundational knowledge of developing Cloud Native Applications. The individual can define and describe the significance of hybrid cloud infrastructures as well as two key areas of cloud thinking: modernization and continuous integration/continuous delivery. The earner can build, deploy, test, and run web applications in IBM Cloud and mobile applications outside IBM Cloud. The earner has hands-on experience building an IBM Cloudant connected, CI/CD enabled application.



## Developing Cloud Apps with Node.js and React

Issued by: Coursera

Authorized by: IBM

Issued to: Usama Ahmad

Issued on: 2 November 2022

### Description

This badge earner has demonstrated a foundational knowledge of Cloud Application Development with Node.js and React. The earner can use Node.js to parse JavaScript Object Notation (JSON) data from a Hypertext Transfer Protocol (HTTP) message and use routing, middleware, and templating to handle requests efficiently in activities like authentication, checking session information, and filling in dynamic content in front-end applications. The individual has hands-on experience.



## Web Development with HTML, CSS, JavaScript Essentials

Issued by: Coursera

Authorized by: IBM

Issued to: Usama Ahmad

Issued on: 2 November 2022

### Description

This badge earner has demonstrated foundational knowledge of Web Development with HTML, CSS, and JavaScript. The individual can define and describe the languages, frameworks, and tools that are used to create interactive and engaging websites and Cloud applications. The earner has hands-on experience creating a web application using HTML, CSS, and JavaScript.



## Container & Kubernetes Essentials V2

Issued by: Coursera

Authorized by: IBM

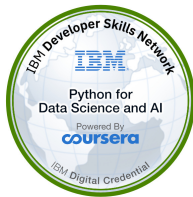
Issued to: Usama Ahmad

Issued on: 6 November 2022

### Description

After earning this badge, this credential earner is able to do the following: build and run a container image; understand Kubernetes architecture; write a YAML deployment file; expose deployment as a service; manage applications with Kubernetes; use ReplicaSets, auto-scaling,

rolling updates and service binding; deploy services; and reap the benefits of OpenShift, Istio and other key tools.



## Python for Data Science and AI

Issued by: [Coursera](#)

Authorized by: [IBM](#)

Issued to: Usama Ahmad

Issued on: 8 November 2022

### Description

This badge earner has the core skills in Python such as critical data structures, programming fundamentals and experience with core libraries for data science. They can apply this knowledge to work with data and develop applications for data science. The individual also has sufficient Python knowledge to work with Python libraries.



## Python Project for AI and Application Development

Issued by: [Coursera](#)

Authorized by: [IBM](#)

Issued to: Usama Ahmad

Issued on: 11 November 2022

### Description

This badge earner is able to apply foundational Python skills by implementing different techniques to develop applications and AI powered solutions. The individual has acquired the confidence to begin developing AI enabled applications using Python, build and run unit tests, and package the application for distribution.



## Developing Applications with SQL, Databases, and Django

Issued by: [Coursera](#)

Authorized by: [IBM](#)

Issued to: Usama Ahmad

Issued on: 19 November 2022

### Description

This credential earner has demonstrated foundational knowledge of developing applications with SQL, databases, and Django. The individual understands fundamental database concepts, such as the basics of SQL and how Object-Relational Mapping (ORM) allows you to use Object-Oriented Programming (OOP) languages to work with databases. The earner also has hands-on experience creating a Django web app to persist, process, and present data on a cloud-based web application.