



## **Lab: deploy your first application**

## Overview

In this lab, you will create your first IBM® Bluemix® application by using a boilerplate from the catalog.

## Prerequisites

You need the following account and software:

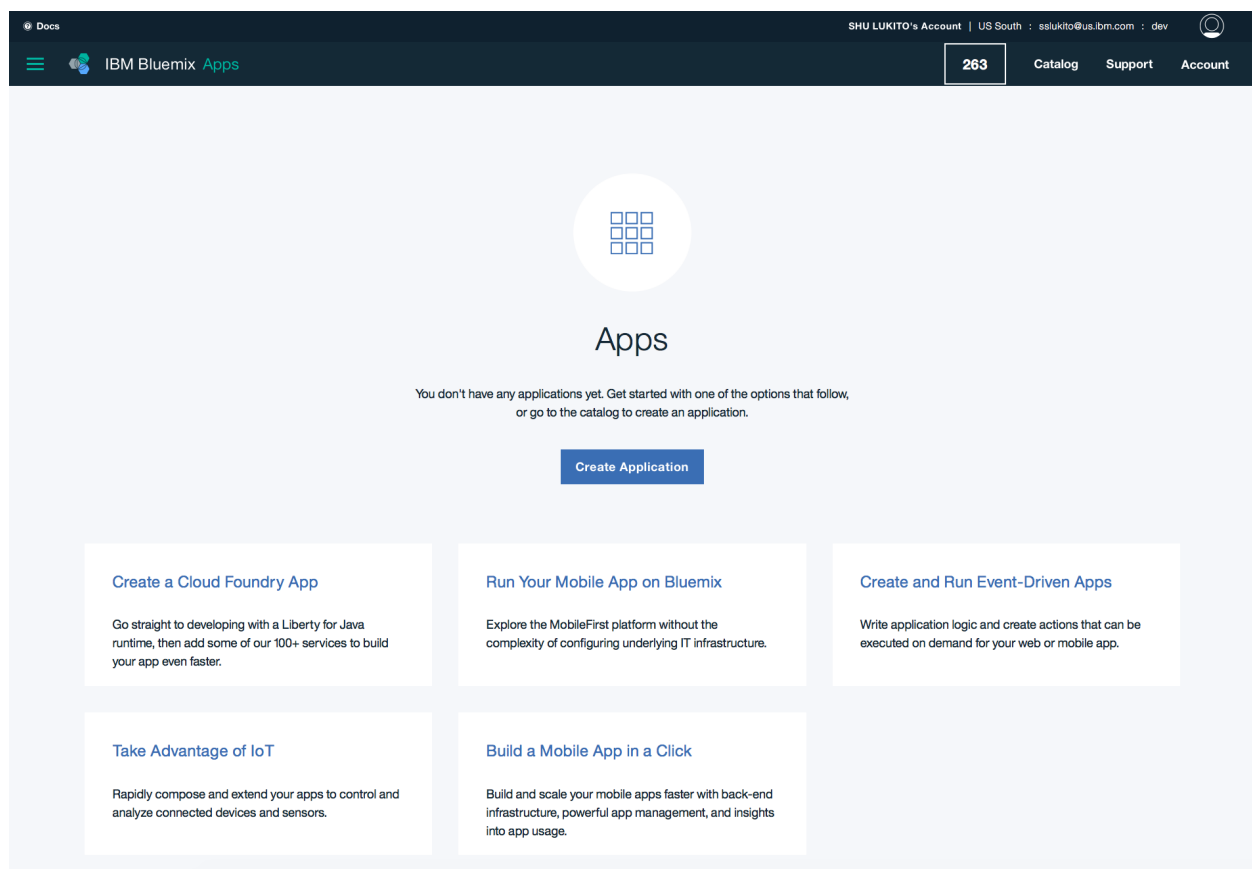
- An [IBM Bluemix account](#)
- An Internet Explorer, Firefox, or Chrome web browser

See the prerequisite installation videos at the start of this course for more information.

## Step 1. Create an application on Bluemix

This lab will show you how to deploy a simple application from the Bluemix web interface.

1. In a browser, navigate to one of the following regions:
  - <https://bluemix.net>: This link should take you to your default location.
    - <https://console.ng.bluemix.net> (Region: US South)
    - <https://console.eu-gb.bluemix.net> (Region: United Kingdom)
    - <https://console.au-syd.bluemix.net> (Region: Sydney)
2. Click **Log In** and then enter your login information on the IBM id page and click **Sign in**. You should see your dashboard view:



3. Click **Catalog**.

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The screenshot shows the IBM Cloud catalog interface. On the left is a navigation menu with categories: Infrastructure (Compute, Storage, Security), Apps (Boilerplates, Cloud Foundry Runtimes, Containers, OpenWhisk, Mobile), and Services (Data & Analytics, Watson, Internet of Things, APIs, DevOps, Application Services, Integrate, Network, Storage, Security). The main content area is titled 'Infrastructure' and contains three sections: 'Compute' (Bare Metal Server Hourly/Monthly, Virtual Server Hourly/Monthly, VMware Solutions), 'Storage' (CDN, Object Storage Standard Regional Swift API), and a 'Filter' button. Each service card includes an icon, a title, a brief description, and an 'IBM' logo.

### 4. Click **Boilerplates > Node.js Cloudant DB Web Starter**.

The screenshot shows the 'Create a Cloud Foundry Application' page for the 'Node.js Cloudant DB Web Starter'. The page has a header with a 'View All' link and the title 'Create a Cloud Foundry Application'. The main content area is divided into two columns. The left column contains the application name 'Node.js Cloudant DB Web Starter', a description 'Use the Cloudant NoSQL DB service with the 'SDK for Node.js™' runtime.', an 'IBM' logo, a 'View Docs' link, and metadata: VERSION 1.1, TYPE Boilerplate, and REGION US South. The right column contains form fields for 'App name' (bl-workshop-ssl), 'Host name' (bl-workshop-ssl), and 'Domain' (mybluemix.net). Below these are 'Selected Plan' dropdowns for 'SDK for Node.js™' (Default) and 'Cloudant NoSQL DB' (Lite). At the bottom, there are icons for 'SDK for Node.js™' and 'Cloudant NoSQL DB', a descriptive paragraph about the starter, and a 'Pricing Plans' section with a link to 'United States'. A footer bar contains links for 'Need Help? Contact Bluemix Sales', 'Estimate Monthly Cost Cost Calculator', and a 'Create' button.

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5. Enter a name for your application. The host name information is automatically entered. The host name must be unique on Bluemix, so enter a name with your company name or initials to make the name unique.
6. Click **Create**.

After a short while, your application will start running. Click **View App** to access the application through your browser.

The screenshot shows the IBM Bluemix dashboard for an application named 'bl-workshop-ssl'. The status is 'Your app is running'. The dashboard includes a sidebar with navigation links: Dashboard, Getting Started, Overview, Runtime, Connections, Logs, and Monitoring. The main content area is titled 'Deploying your app with the command line interface' and includes instructions on how to use the command line interface to deploy and modify applications. It features buttons to 'Download Bluemix Command Line Interface' and 'Download CF Command Line Interface', and a 'Download Starter Code' button.

## Summary

You've now added an application to IBM Bluemix. In the following labs, you will learn how to work with this same application from the command-line and Eclipse environments.