**ML Ops Internship Assessment**

**Q1: BASH**

Find the largest log file (.log) in a directory and truncate it to 100 lines if it contains more than 100 lines

**Q2: API-UI integration (Use HTML, Python and/or Node.js to complete the following)**

1. Build an API server which accepts JSON as an input
   1. API to be available as <ip>:<port>/jsonapi via POST method
   2. It should verify if the request body has at least two key:value pairs and shown in this example {“type” : ”hello world”, “day” : ”Sunday”}
   3. On bad user input, return 400
   4. On receiving valid input, return 201
2. Build a front-end UI that has a textarea and a submit button.
   1. User inputs any string
   2. Verify if string is valid JSON before posting to API
   3. If you receive a 400 response from the API, throw and error message to the user
   4. IF you receive 201 response from the API, then create a form using the JSON entered by the user where the label of each field will be a key, and the value of the input to be initialized with value from the JSON input as shown in pictures below.

A picture containing shape

Description automatically generated

A picture containing graphical user interface

Description automatically generated

**Expected output:**

Prepare a **zip/rar folder** with the following files and mail to the ExactSpace team as indicated.

Name of the folder must be candidate’s “FirstName\_LastName\_MLOps” and must contain:

1. Your resume
2. Provide the source code file/s of your work