prosimo

To whomsoever it may concern

Aug 2020

This is to certify that Mr. Niel Parekh, student of SSN College of Engineering, has completed an internship program at Prosimo from 28th May to 31st July, 2020.

During the course of his internship, Neil worked on aiding data visualization for Prosimo's Test Team, which generates millions of data sets with respect to the Testbeds created, the Test suites and Test Cases run and the performance statistics of users who access the web applications on an hourly basis.

For this purpose, Mr. Parekh used *Kibana* to build data visualizations and the following dashboards using the data injected into Elastic Search:

- Testbed Infra Visibility – Aided the QA management team in analysing active testbeds, duration of activity, resources used, flavours of testbeds, etc.
- Test suite & Testcase visibility – Visualization of Test suite and Tes tcase counts, test coverage aspects, pass & fail rates, historic results, etc.
- User access statistics of web applications – Visualization of user experience metrics such as page load times, time to first bite, frontend load times, etc.

He also constructed Python scripts to perform essential tasks such as extracting data from cloud storages like AWS S3, formatting the data and then injecting it into Elastic Search, splitting a given field into various sub-fields, among others.

Niel successfully completed all the listed tasks on time and has become proficient in several technologies and packages such as Elastic Search, Kibana, BOTO3 and REST API calls. He contributed many fruitful ideas right from the nascent stage of the work, which not only reflected his interest in data analysis, but also his in-depth understanding of the subject.

He is focused, able to work independently, communicates effectively, and is a motivated and hard-working individual. He has successfully completed the requirements of his internship project.

We wish him the best for his future endeavors.

Sincerely,

Ramesh Prabagaran

Co-founder and CEO, Prosimo.io