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Hi, Hope you are doing well,

I'm currently working as a Software Engineer at Dell Technologies, where primarily I worked as a Java/Python Developer. I have 2+ years of experience in working all phases of the software development life cycle, including development, testing, deployment, and monitoring, using **Java/JEE** and **Python technologies**. I completed my **Integrated Bachelor's & Masters** in Information Technology from Indian Institute of Information Technology, Gwalior, India.

At **Dell Technologies**, I have worked on **CLOUDIQ Product** which provides assistance to monitor various Dell Enterprise servers product lines(Computing & Storage servers such as Poweredge, Powerstore etc.) I have worked in **developing microservices, mainly Listener and Processor** that listen to **kafka topics** which contain urls for logger files, download it and process that data based on the specific requirements for each specific product line. We have utilized both **Elasticsearch (NoSQL)** and **PostgreSQL (RDBMS) databases** to store generic or metadata, for querying we are using Kibana console and SQL Developer, respectively. Additionally, I have worked on code coverage(Unit testing) using Junit, Mockito, and also worked on creating automation test suites for APIs end-to-end testing(Integration Testing) and sanity testing using TestNG. Also, developed a python microservice to extract highly compressed data and for the exchange between applications, We were using **RabbitMQ** messaging queue for reliability, scalability, and decoupling the interaction or exchange between the microservices. I have also been involved in monitoring all backend applications for my team through Dynatrace Dashboards (similar to Grafana) for different performance metrics such as response time, availability of services, and host's CPU and memory utilization. If there is any misbehavior, I generate alert notifications by sending emails, creating JIRA tickets, and creating ServiceNow tickets.

During my Technical internship at **Rakuten, India**, I was a part of a team that was developing an automated testing platform similar to Browserstack and LambdaTest. My role in the team was to work on developing a visual layout comparison feature for the platform using Python. The feature purpose was to verify the proper rendering of a website on different devices through automation, instead of manual UI testing. This was achieved by capturing the location of all website components(divs) and re-scaling them with the compared resolution. The technology stack used for the development of this feature included Python, Selenium, Opencv, Automated Testing and Webdriver for capturing the location of elements, as well as some Image Processing.

Thank you for your consideration.

Regards,
Aryanshu Verma