



Introduced Microservice Enhancing Talent Central App's Efficiency by Manifolds!

The issue faced by the user while operating the Talent Central app was that the database wasn't able to respond to a colossal amount of requests. The number of connections every time created when fetching data from the existing database caused the 'MySQL Not Responding' issue. This led to a decrease in the efficacy of the app.



What The Client Achieved

To address the challenge 'data migration' approach was incorporated. Using this approach I wrote APIs in the module 'Workflow service' in the app named 'Talent Central'. With this, I was able to migrate some data (30%) from the current MySQL database to Mongo DB of the new microservice.

To understand in technical terms Microservice is introduced. With the help of NEST js and MongoDB, REST APIs are written that have the ability to act on a 'stand-alone' basis (no link between REST APIs and the pre-existing APIs used by MySQL) solving the database request failure arising due to tremendous requests.

One must keep in mind that the REST APIs will only serve a set of requests. The APIs have been reviewed and tested by the clients under the ambit of the data set provided by them. One of the

Optimum Practices Followed:

1 The modularity of code has been our primary focus.

2 Modules are easy to understand and reuse.

3 Indentation has been done properly.

4 Proper naming convention for variables is used which is self-explainable.

5 No redundant code and commented parts are left.

6 Jira is exercised to follow the proper steps of SE.



About 9 Yards Technology

9 Yards Technology delivers cutting-edge, customized platforms to clients stretching from startups to Fortune 500 companies. We're known to incorporate the latest tech stack to provide stable products to 250+ clients worldwide. Our operations know no geographical restrictions as we've catered to our clients in the US, UK, India, and others seamlessly.

