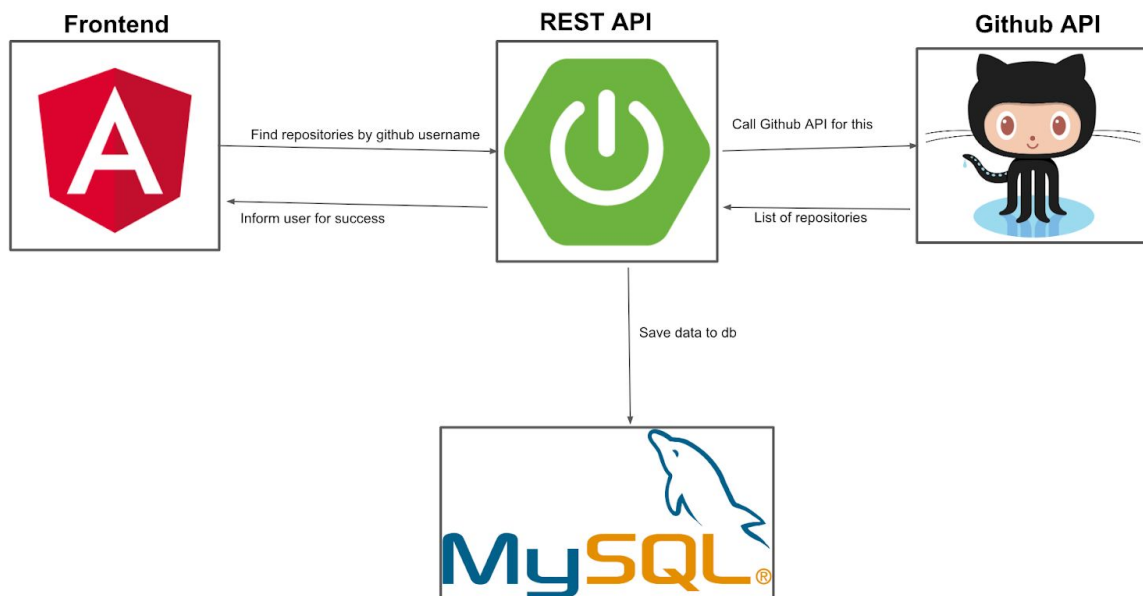# Github User Project Importer Project
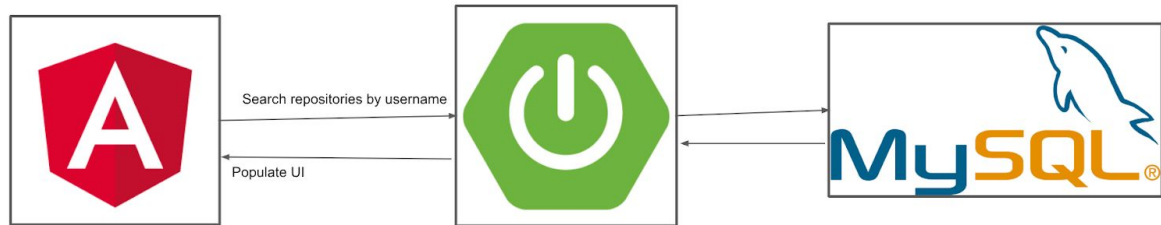
This project is for importing GitHub projects into our own system to do further actions like search, get details, listing, etc… The basic workflow will be;

1. There is a simple frontend project (You can use Angular 6+) that has a very basic starting page like google that contains only one text input for importing specific user's GitHub projects. Enter **username** field with a specified GitHub username and click **Import**
2. Once you click **Import** button, the request will go to the **REST API you already developed with Spring Boot** and in this application, you will make a [Github API call](#) to get user projects.
3. Once you get the response from Github, you will parse the response in order to save them all to MySQL database. Until this point, you fetched user's projects from Github and saved them to the database. Of course, you will **return a success message to the frontend project to notify the user.**
4. On frontend project, there will be a page for searching; provide **username** and click **Search** button to list all the projects. **This call request will be performed against your REST API to fetch projects from database**.
5. Every item in the result will be clickable, and when you click on it, it will go to detail page.

Import

Search

Search repositories by username

Populate UI

Technologies

1. Spring Boot
2. MySQL
3. Angular
4. Docker
5. Kubernetes (Minikube)