

SOA Project Documentation

Vlad Muresan 248

For this project, I have chosen to build a simple application to meet the requirements, in order to better understand the concepts, rather than implementing various functionalities.

For the backend, I have built two microservices in Node.JS, one that is responsible for login, and the other that is responsible for calling weatherAPI to get the current celsius temperature for London. They are both publishers and subscribers at the same time, on two different queues. Messaging between them is done with RabbitMQ.

For the frontend, I have chosen a simple Angular application that calls the login endpoint.

Each service on its own has been built into their respective docker containers, which makes it easy to deploy the solution to a cloud provider of choice.

