3. Solution Design

3.1 High-level Architecture

On local development environment, we have everything running on a single computer: the admin application is running as a standalone JAR file. It is a Spring Boot application with embedded Tomcat server and the same for the shopping application - a standalone JAR file. And they are connecting to a local instance of MySQL database server. And for the static resources like the images of the products - are stored in the local file system.