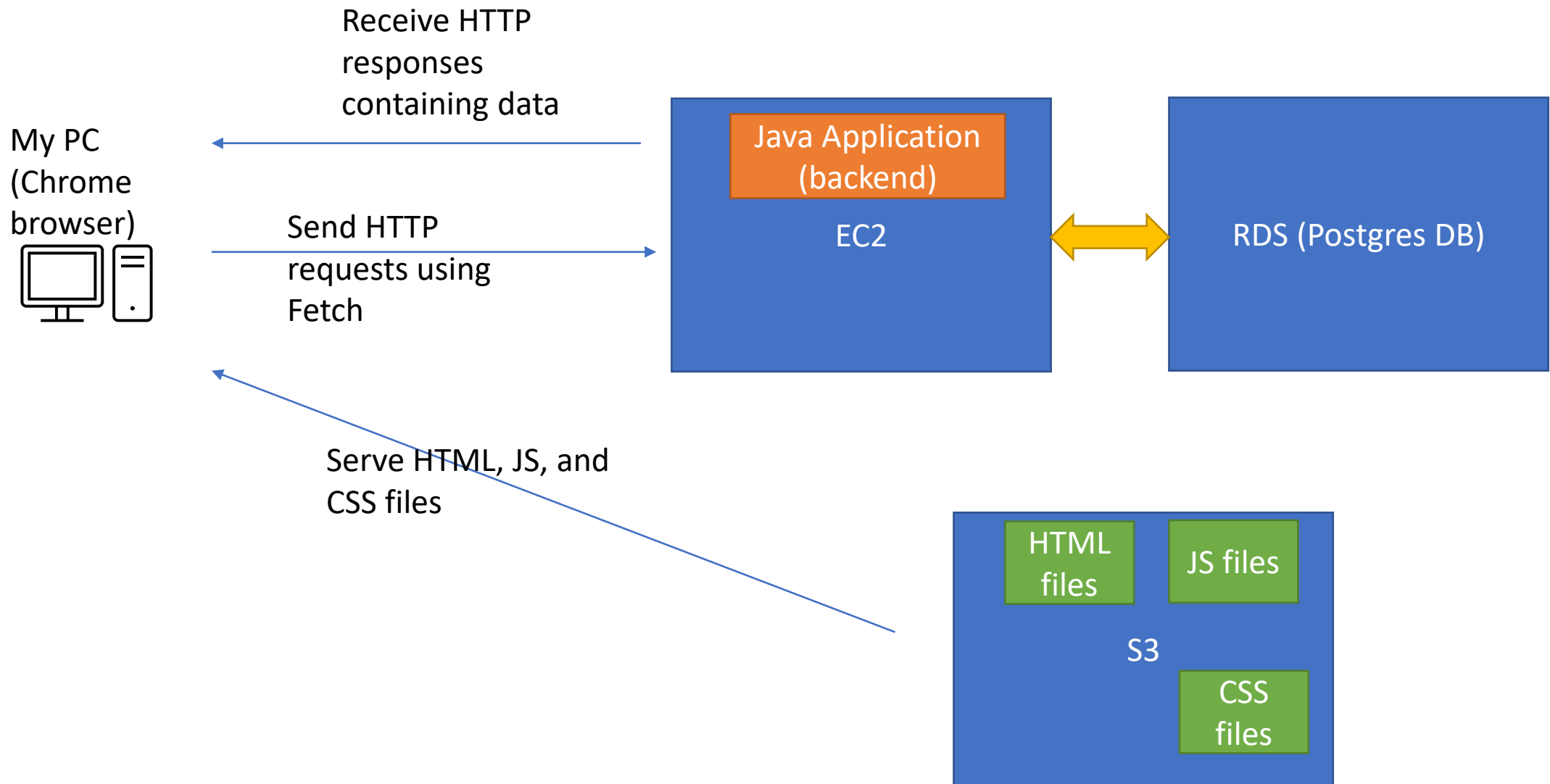


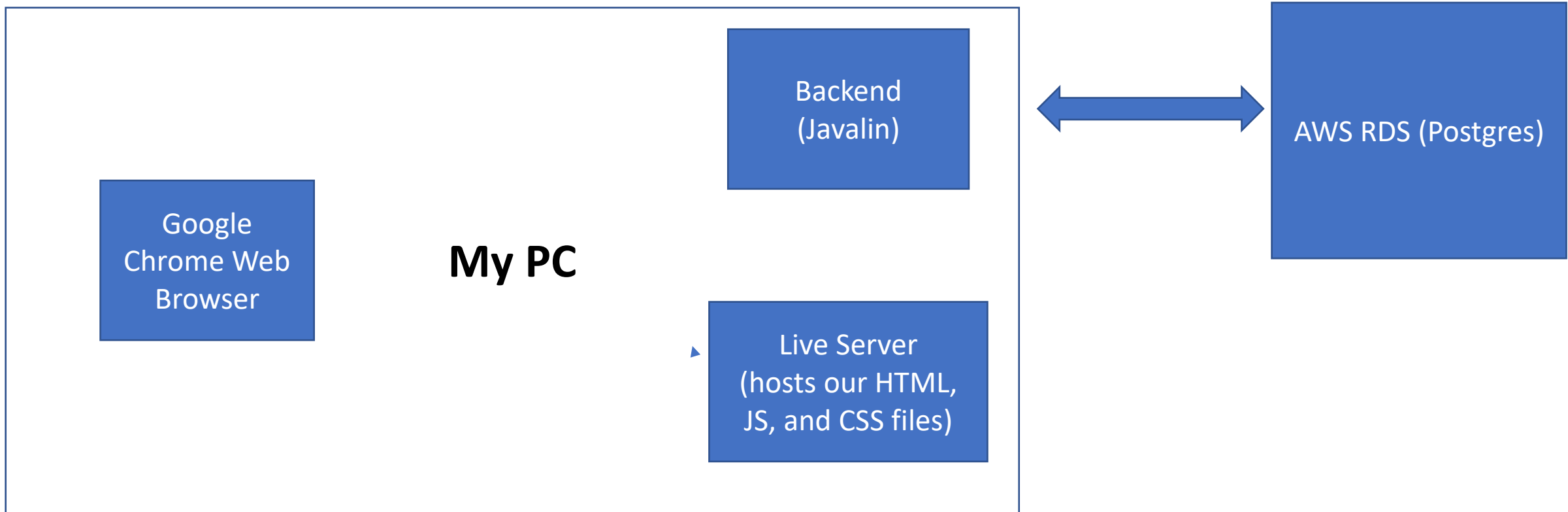
AWS (Amazon Web Services)

- Provides computing resources in the “cloud” where we can host all of our frontend files, our backend server, our database, etc.
- S3 (simple storage service): object-based storage where we can host our frontend files (or any other files that we want)
- RDS (relational database service): allows us to host and manage a database
- EC2 (Elastic compute cloud): provides computing capacity in the cloud. EC2 “instances” are individual computers



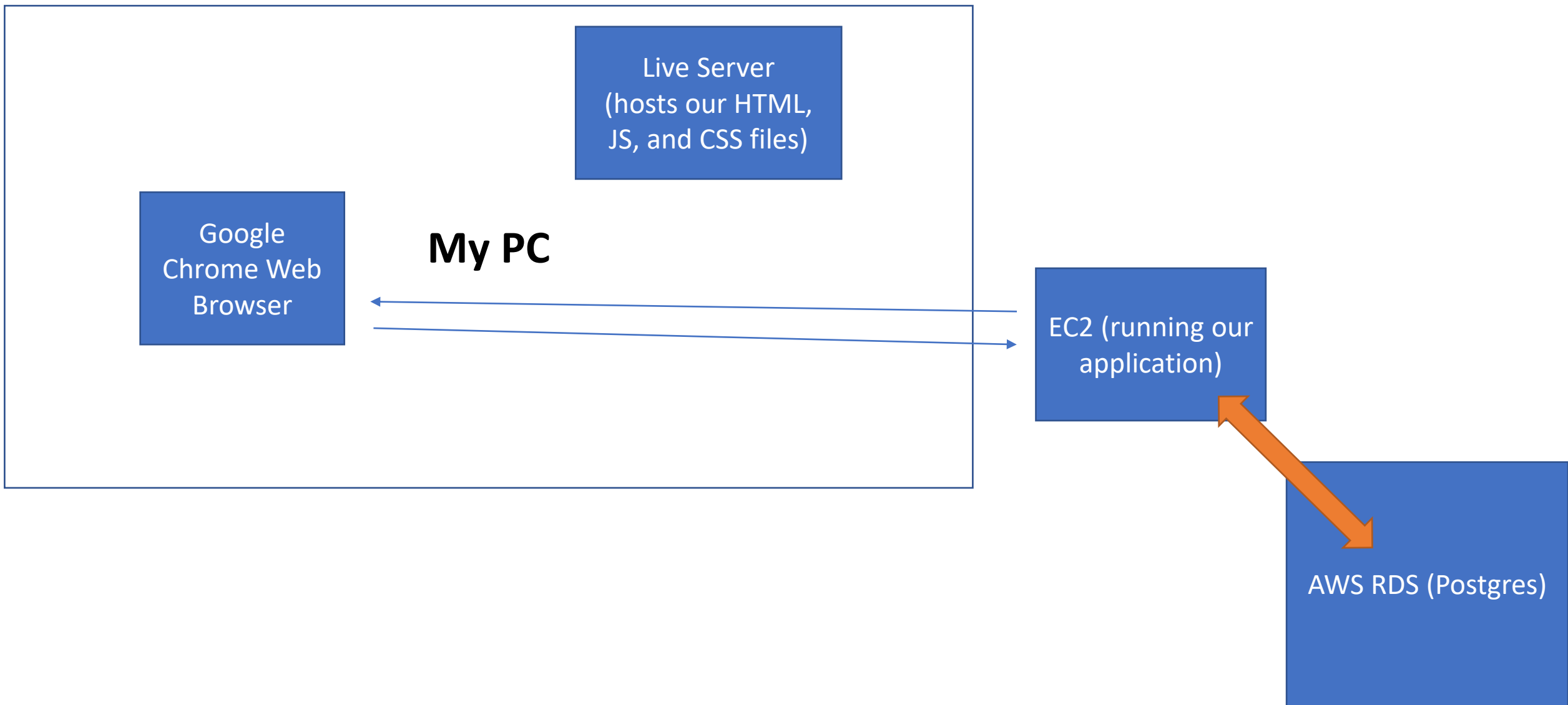
AWS RDS

- We will create an RDS instance that will host our Postgres database
- We can then try to connect to this RDS instance through Dbeaver
- We can then update our JDBC credentials to match this new RDS instance and connect our backend application to it instead of our local Postgres database on our computer



AWS EC2

- Provides us with a computer in the “cloud”
- We can then connect to this computer using SSH (protocol)
- We can upload our .jar file (containing the backend application)
- We can then run that jar file, which will then have our backend hosted



AWS S3

- Object storage for any types of data
- Each “object” can have a maximum size of 5TB
- S3 is an AWS service for storing large amounts of data very cheaply
- A lot of the times is used to host HTML, JS, CSS files (frontend)
 - This is what we are using S3 for

