

Moving Towards Production



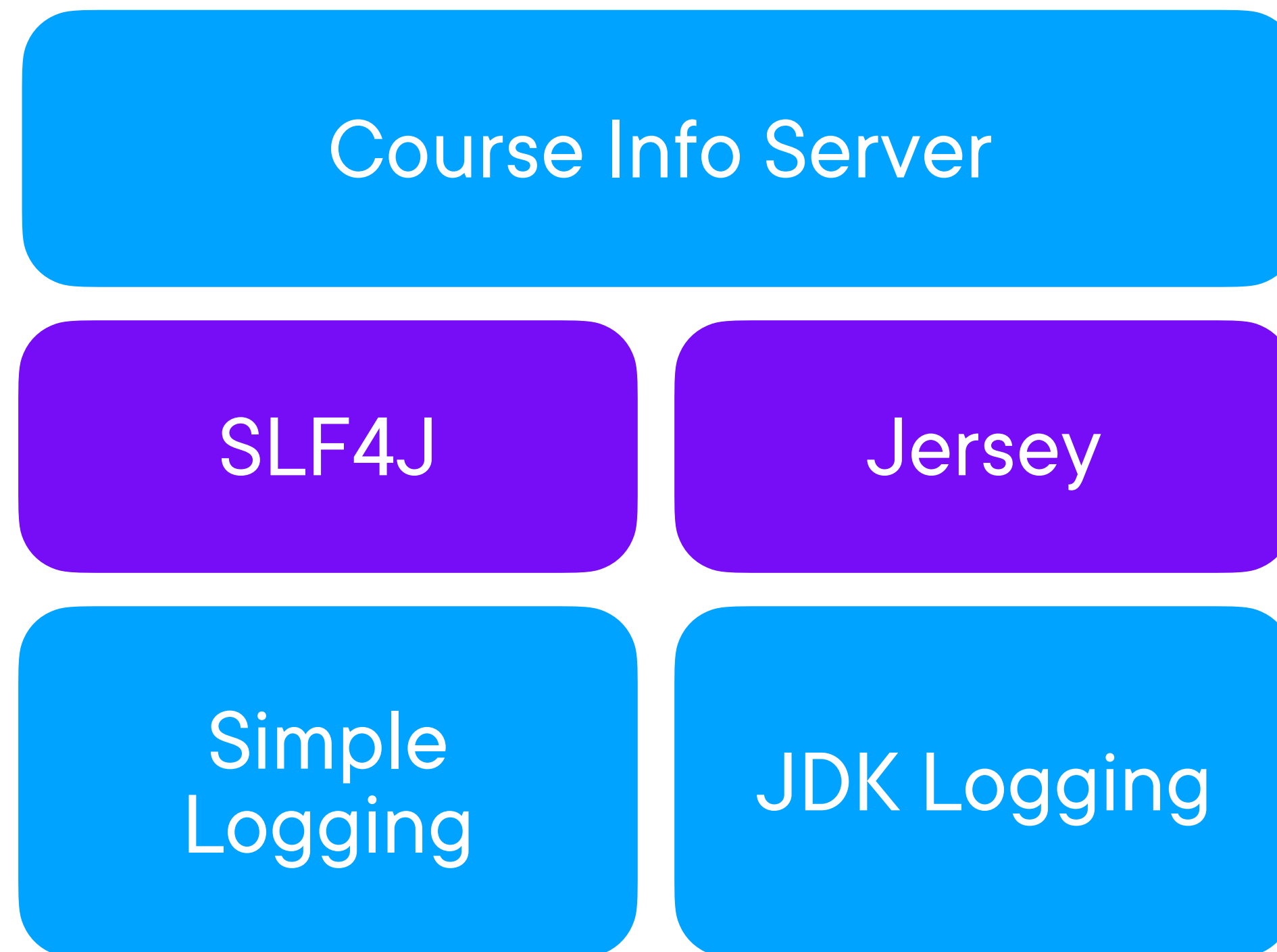
Sander Mak

Java Champion

@sander_mak



Unified Logging



Unified Logging

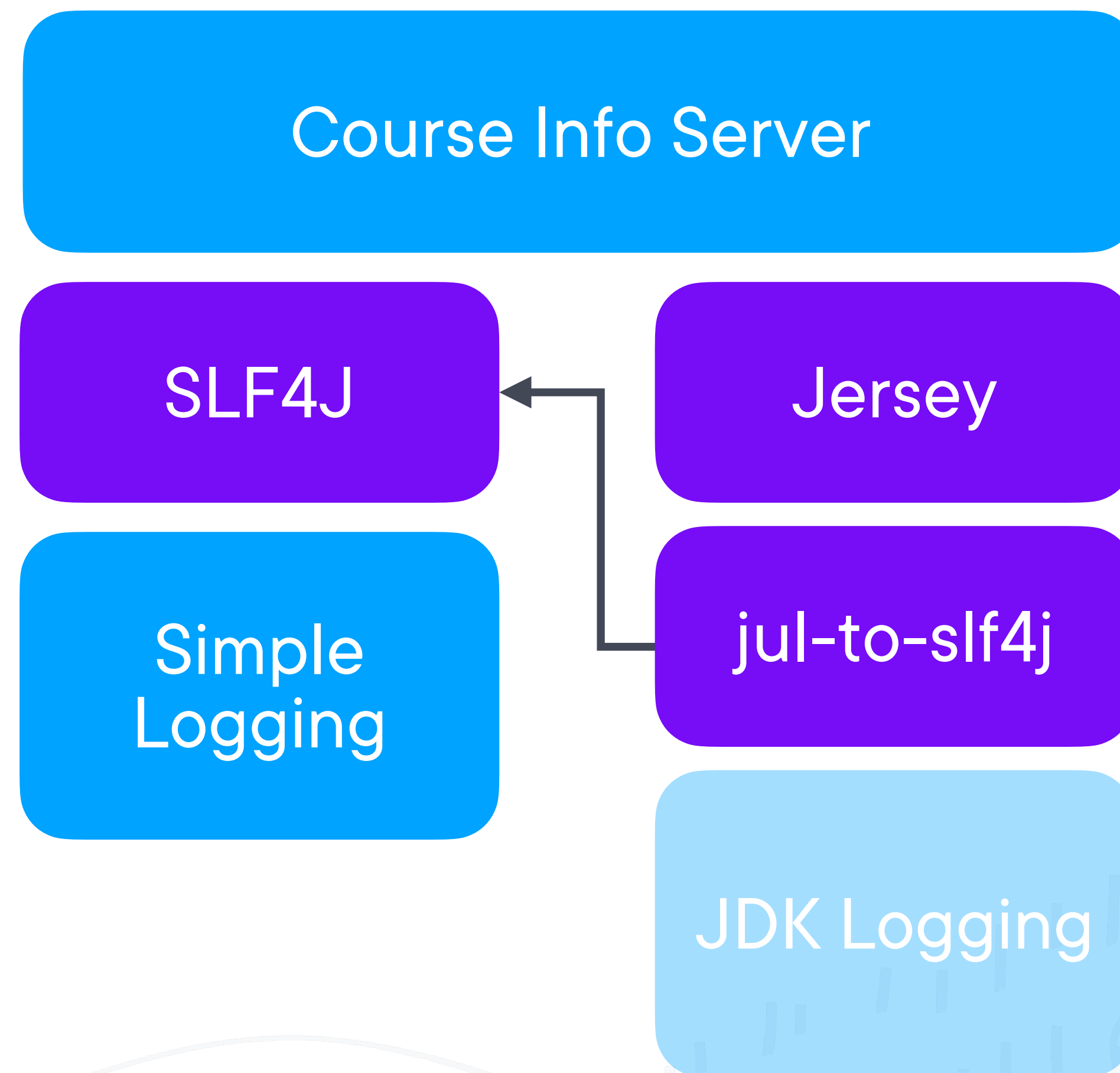


```
Run: CourseServer x
/Library/Java/JavaVirtualMachines/jdk-17.0.2.jdk/Contents/Home/bin/java ...
[main] INFO com.pluralsight.courseinfo.server.CourseServer - Starting HTTP server
Sep 05, 2022 9:15:59 PM org.glassfish.jersey.server.wadl.WadlFeature configure
WARNING: JAXBContext implementation could not be found. WADL feature is disabled.
Sep 05, 2022 9:15:59 PM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
WARNING: A provider com.pluralsight.courseinfo.server.CourseResource registered in SERVER runtime
Sep 05, 2022 9:16:00 PM org.glassfish.grizzly.http.server.NetworkListener start
INFO: Started listener bound to [localhost:8080]
Sep 05, 2022 9:16:00 PM org.glassfish.grizzly.http.server.HttpServer start
INFO: [HttpServer] Started.
```

SLF4J

JDK
Logging

Unified Logging





Demo

Unified Logging



Demo

External configuration



Demo

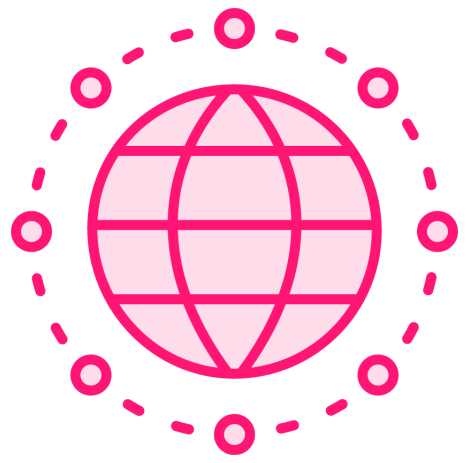
Maven dependency management

Demo

Creating a runnable JAR file

```
java -jar course-info-server-1.0-SNAPSHOT.jar  
-cp ... 30+ dependencies ...
```

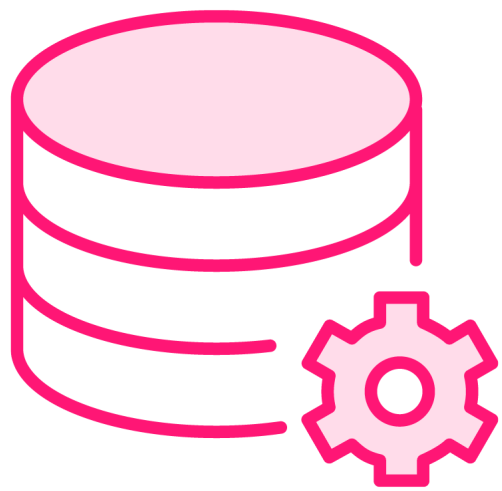

Next Steps for This Project



Functional enhancements

Ingest courses from another API/source

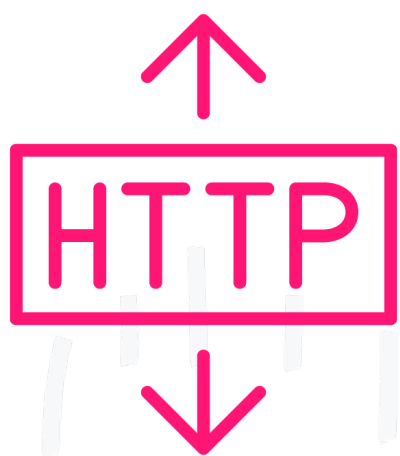
Add a 'delete course' endpoint to the REST API



Database

Introduce a production-grade database (e.g. Postgres)

Use a schema management tool (e.g. Flyway or Liquibase)



Client library

Java-based wrapper for the Course Info REST API

Implement using HttpClient

Next Steps for You

"So happy with the Course Info project! But what's next to learn?"



Next Steps for You

Practise your
skills

Just open your IDE & go!

Pick a
framework



Spring Framework learning paths



Jakarta EE Web Profile: The Big Picture

Deepen your
Java expertise



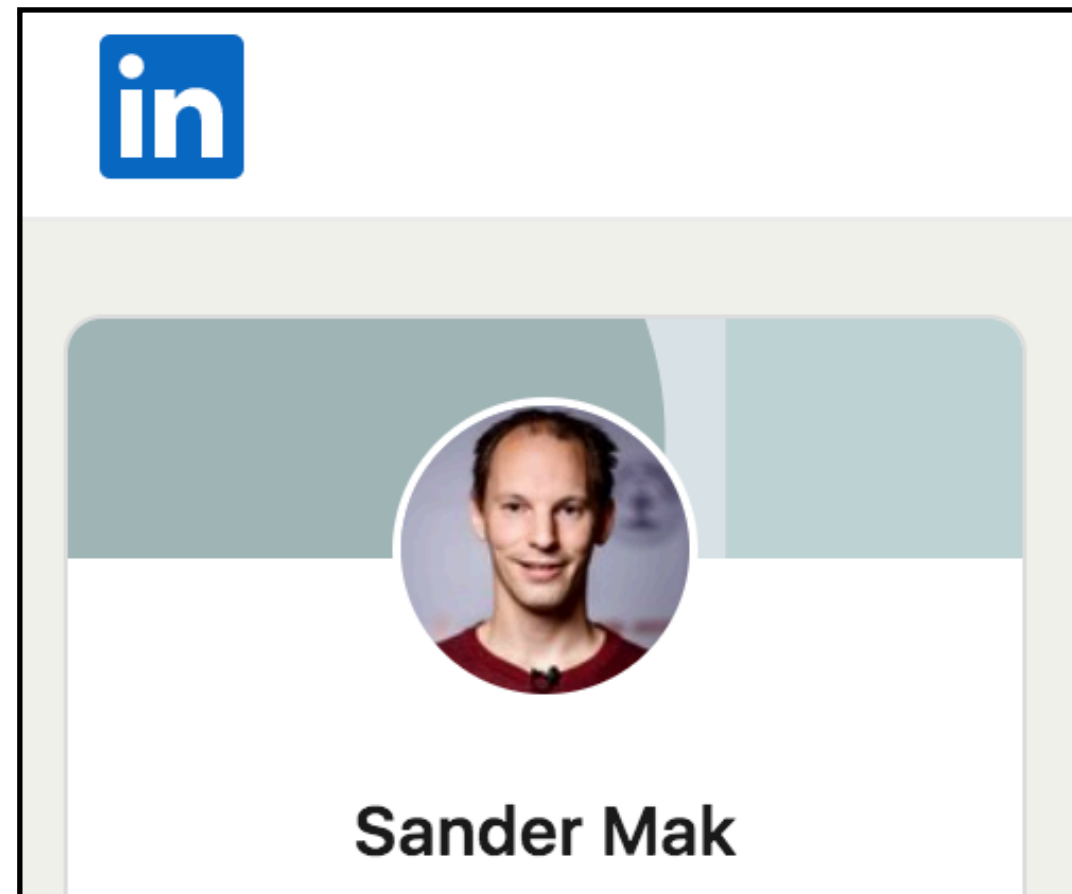
Java SE learning path

Additional Resources

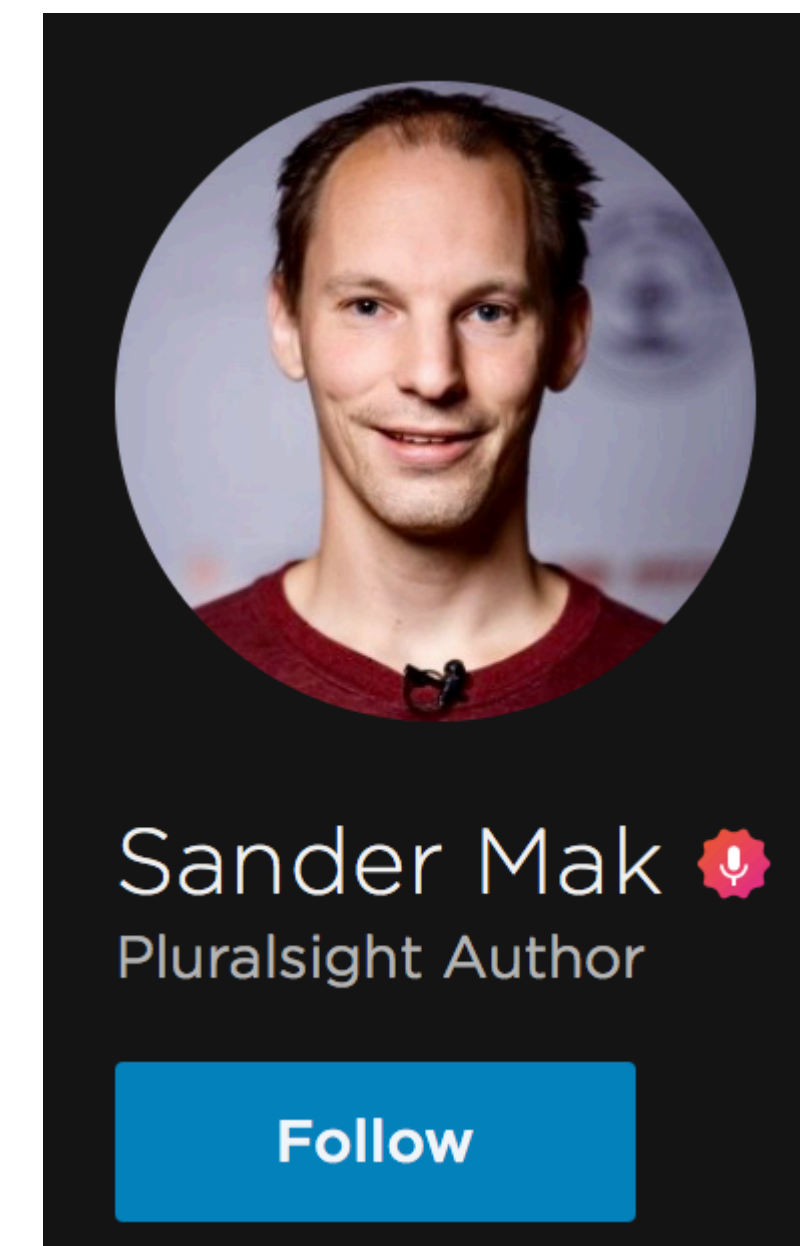
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