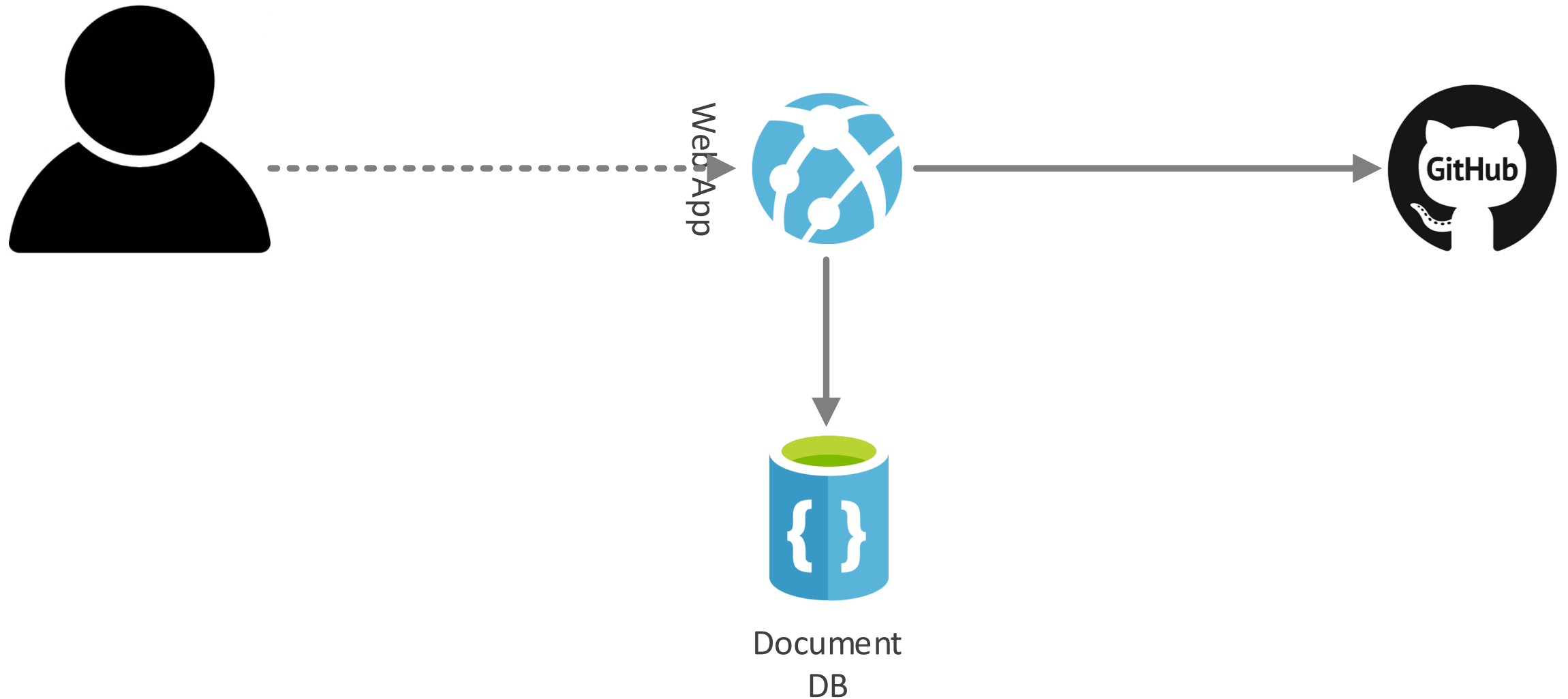# Azure Cloud Application Development DevOps scenarios

Valdemar Zavadsky
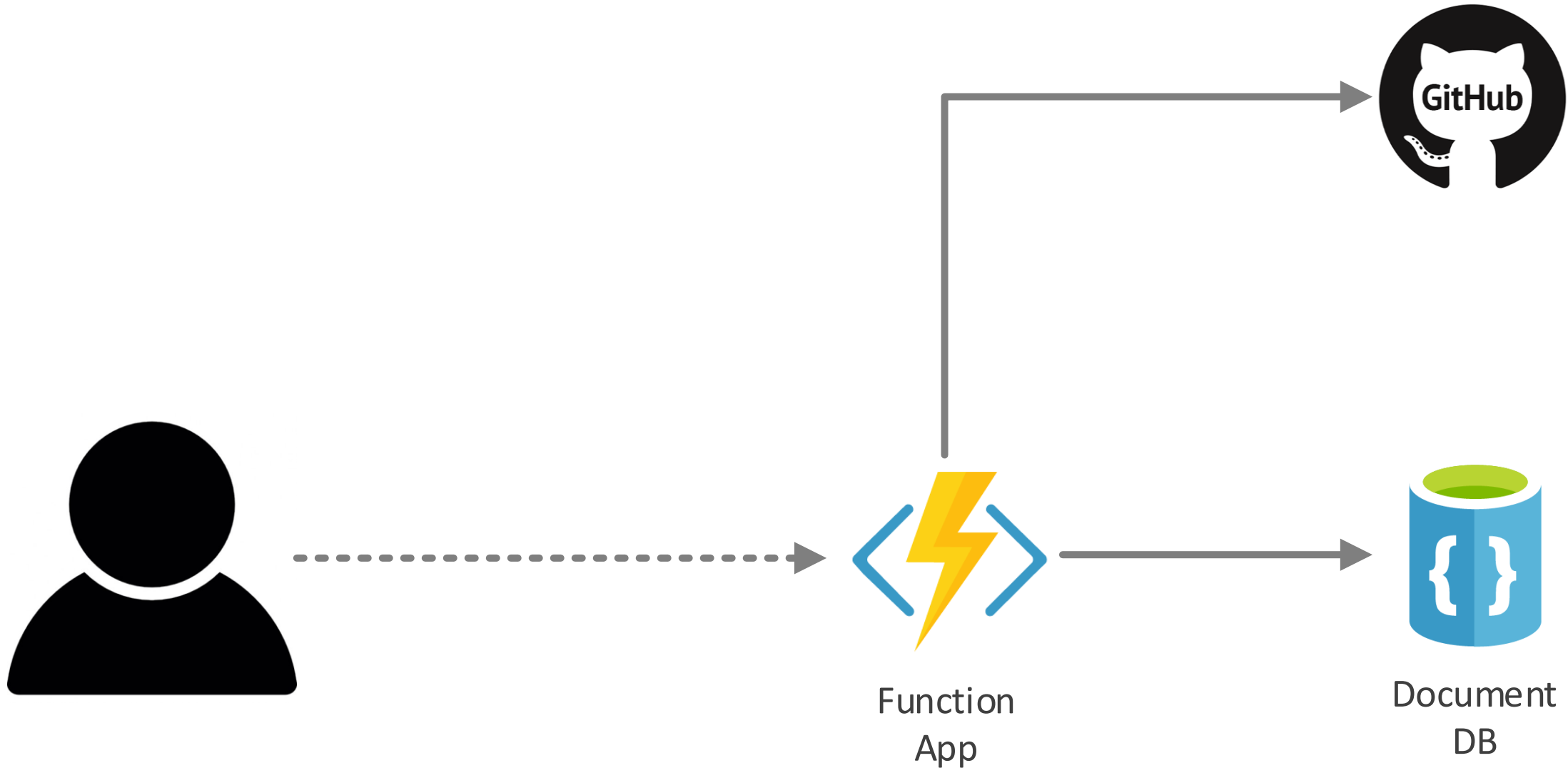
Cloud Solution Architect

Microsoft
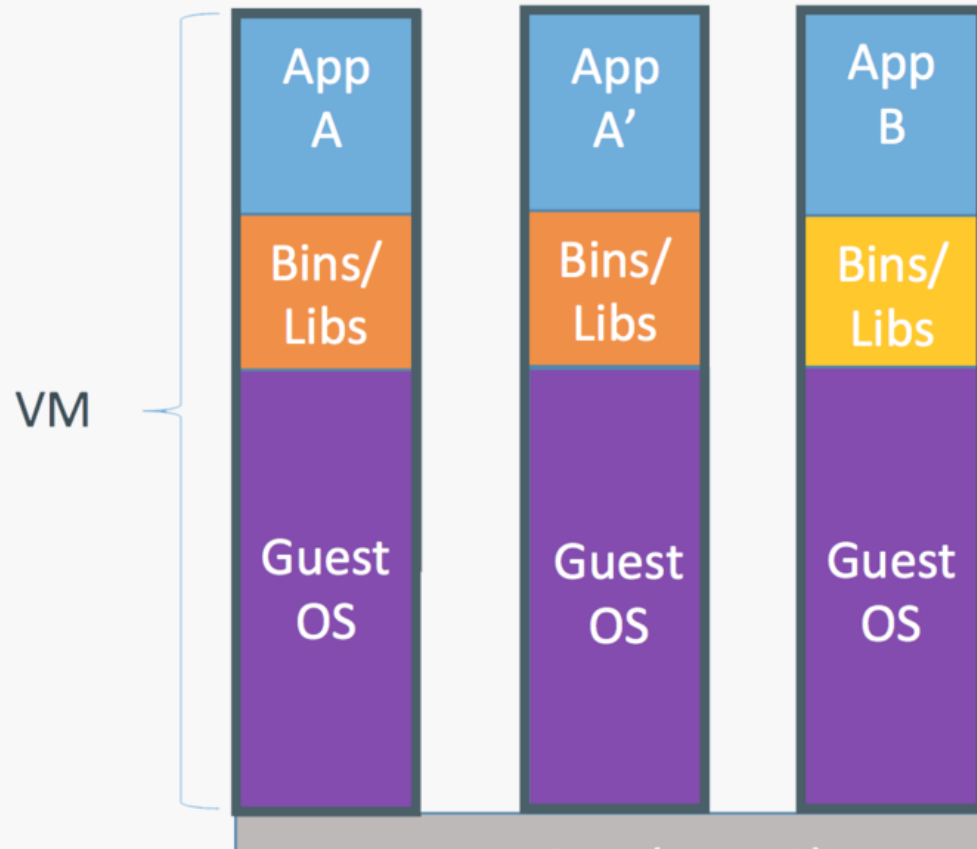
NodeJS + MongoDB

Function App + Cosmos DB

Function
App

Document
DB

Do you know what **docker** means?

Containers are isolated, but share OS and, where appropriate, bins/libraries

...result is significantly faster deployment, much less overhead, easier migration, faster restart
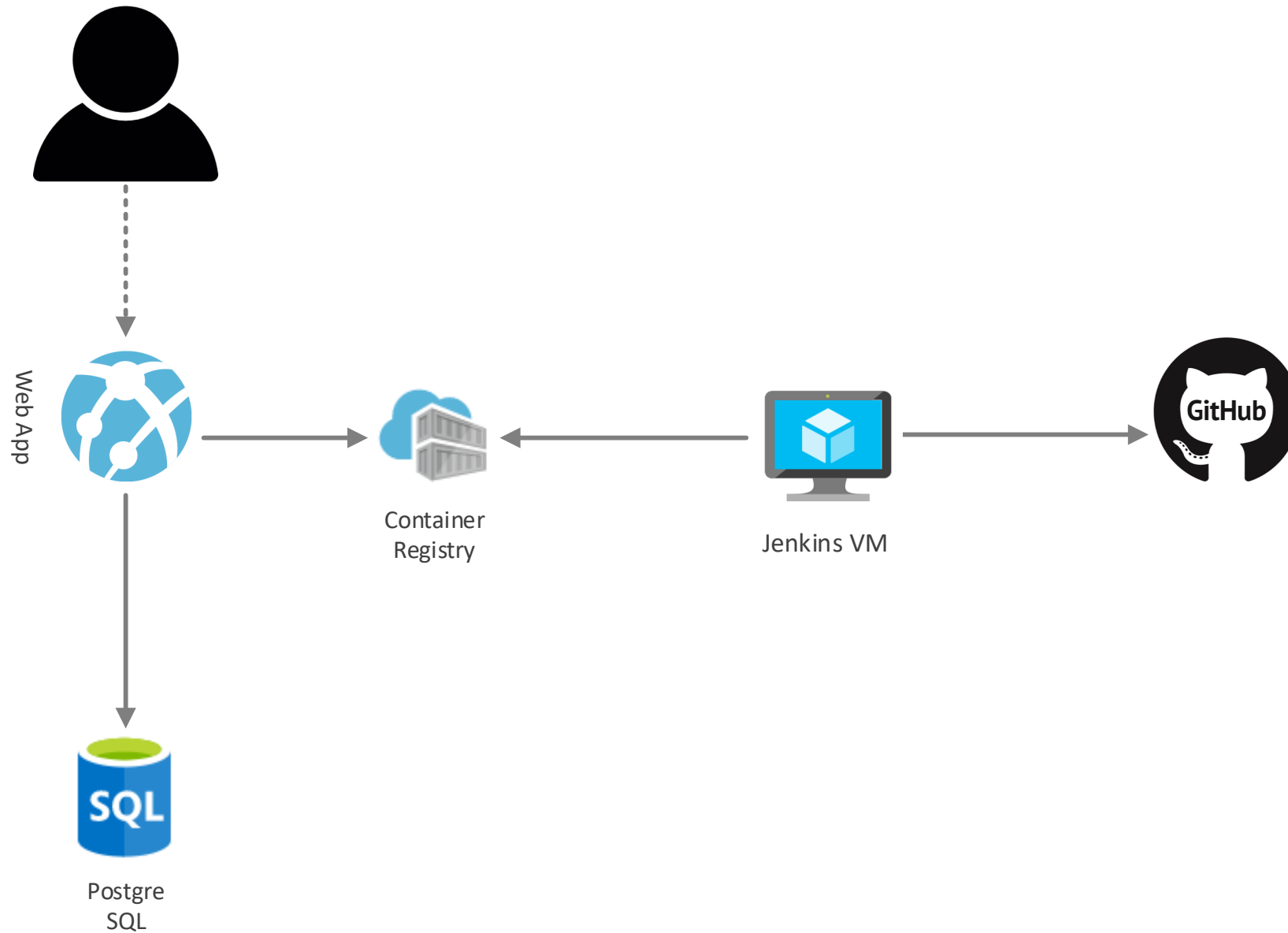
VM

Guest OS

Bins/Libs

App A / App A' / App B

Container

App A App A' App B App B' App B' App B' Docke

```
vazvadsk@VAZVADSK-460S MINGW64 /
$ docker images
REPOSITORY                TAG        IMAGE ID        CREATED         SIZE
alpine                    latest     053cde6e8953    7 days ago      3.97MB
dockercloud/hello-world   latest     0b898a637c19    5 months ago    30.8MB
```

Java + PostgreSQL

Web App

Container
Registry

Jenkins VM

GitHub

Postgre
SQL

Conainer Service (Kubernetes)