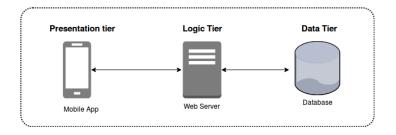
Serverless

- Serverless computing
- API Gateway + lambda

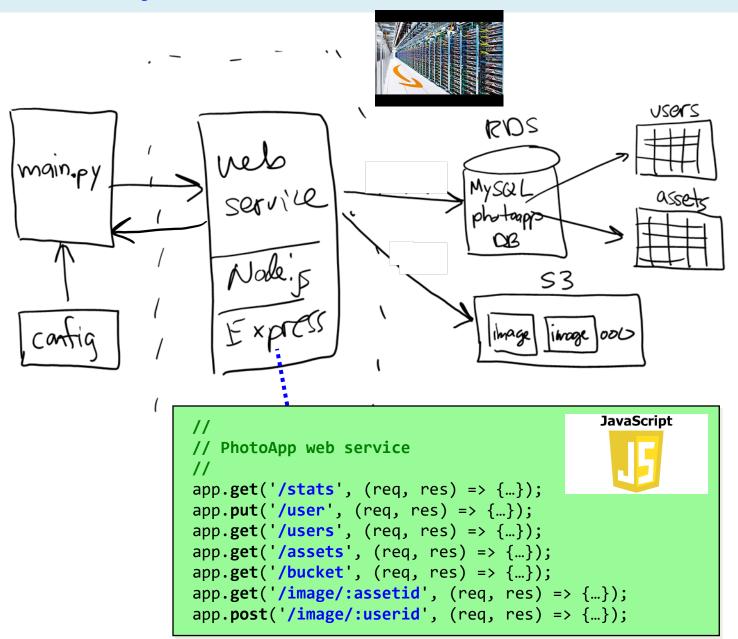


Monolithic multi-tier



- Traditional software design for the cloud
- Monolithic approach --- one large code base on server
 - Safe, conservative engineering
 - No one gets fired for building systems this way :-)

Project 02 --- monolithic web service



Alternative designs?



1. Microservices

- Break monolithic system apart --- easier to develop, update, release, but more moving parts to manage
- <u>Example</u>: **Netflix** was one of the first to do this

2. Event-driven

- Design based on events that occur / application states
- <u>Example</u>: food delivery => menu, order, purchase, prepare, deliver

3. Serverless computing...