AWS re:Invent

SVS203-R

Build a serverless ride-sharing web application

Ben Smith
Senior Developer Advocate
AWS Serverless

Rob Sutter
Senior Developer Advocate
AWS Serverless

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aws

Agenda

The workshop environment

The modules and services used

Building

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General housekeeping

- Running time is 2h 15m
- AWS account will be provided – please use the access code
- This account is temporary
- Questions? We are here to help!

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Prerequisites

- Workshop cannot be completed with a tablet
- Compatible with Chrome/Firefox (not Safari)
- Familiarity with the AWS Management Console

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The AWS services you will be using today

Developer tools

AWS Amplify

AWS CodeCommit

AWS Cloud9

Backend services

AWS Lambda

Amazon API Gateway

Amazon DynamoDB

Amazon Cognito

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AWS Cloud9

- Fully-featured cloud-based IDE
- Integrated tools for serverless development
- Built-in terminal and local storage
- Provisioned bandwidth in AWS network (not dependent on Wi-Fi)
- This workshop is 100% browser-based – please do not use your local IDE, or terminal

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AWS Cloud9

Setting up Cloud9

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Wild Rydes

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Today's adventure

- Module 1: Static web hosting
  - Configure static resource hosting for your web application
- Module 2: User management
  - Enable your customers to register, verify their email address, and login
- Module 3: Serverless backend
  - Build a backend service to handle unicorn requests and dispatches
- Module 4: RESTful APIs
  - Expose the backend service as a REST API secured by Amazon Cognito

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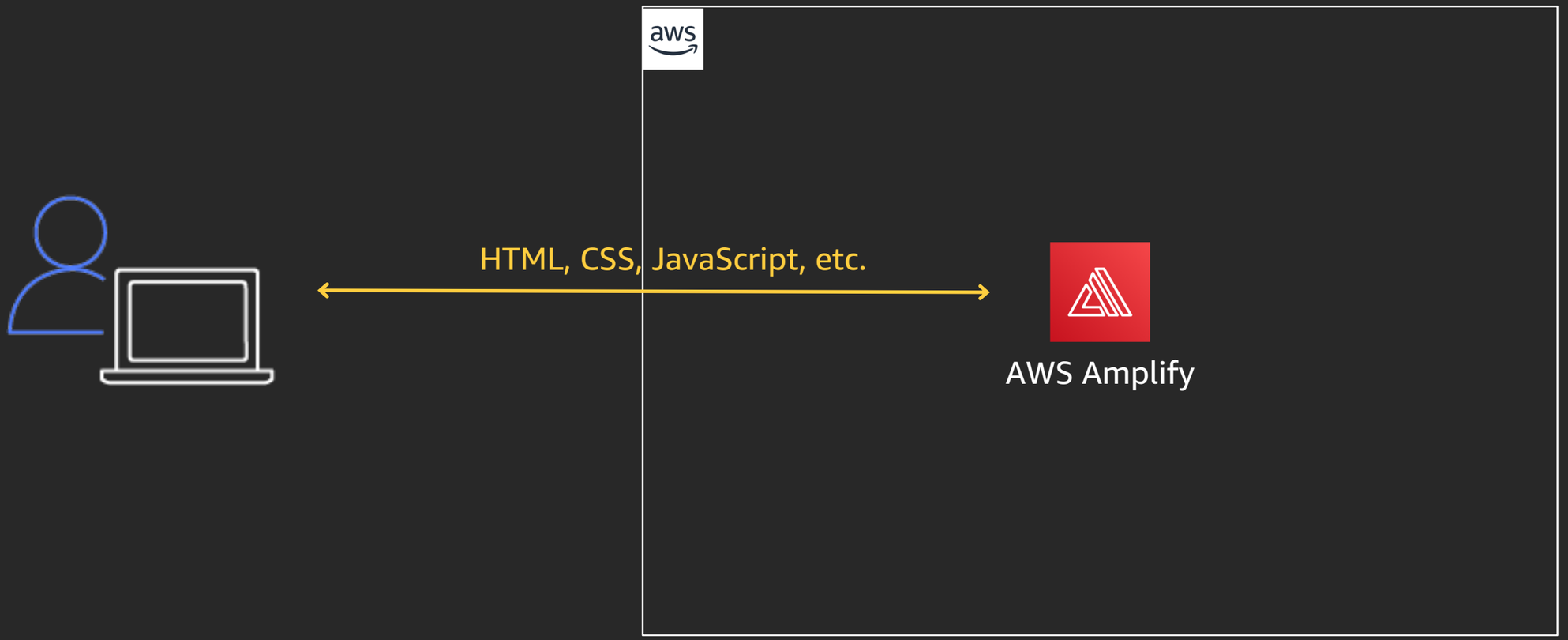
Module 1 – Static web hosting



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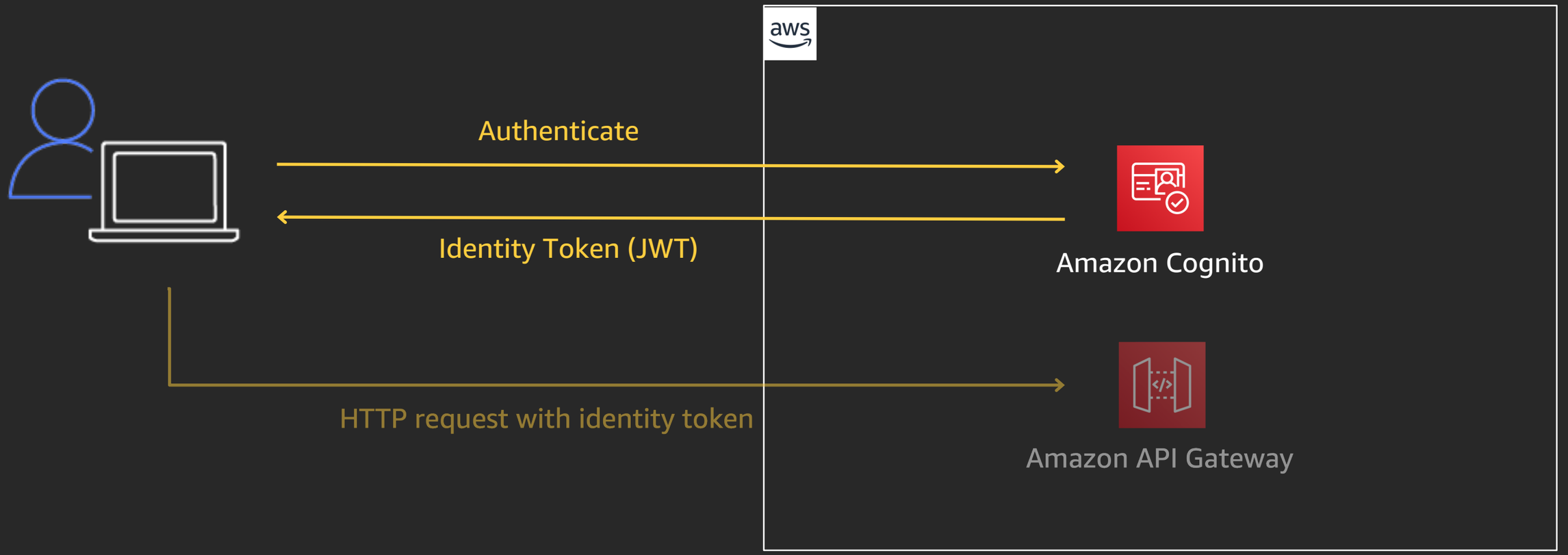
Module 2 – User management



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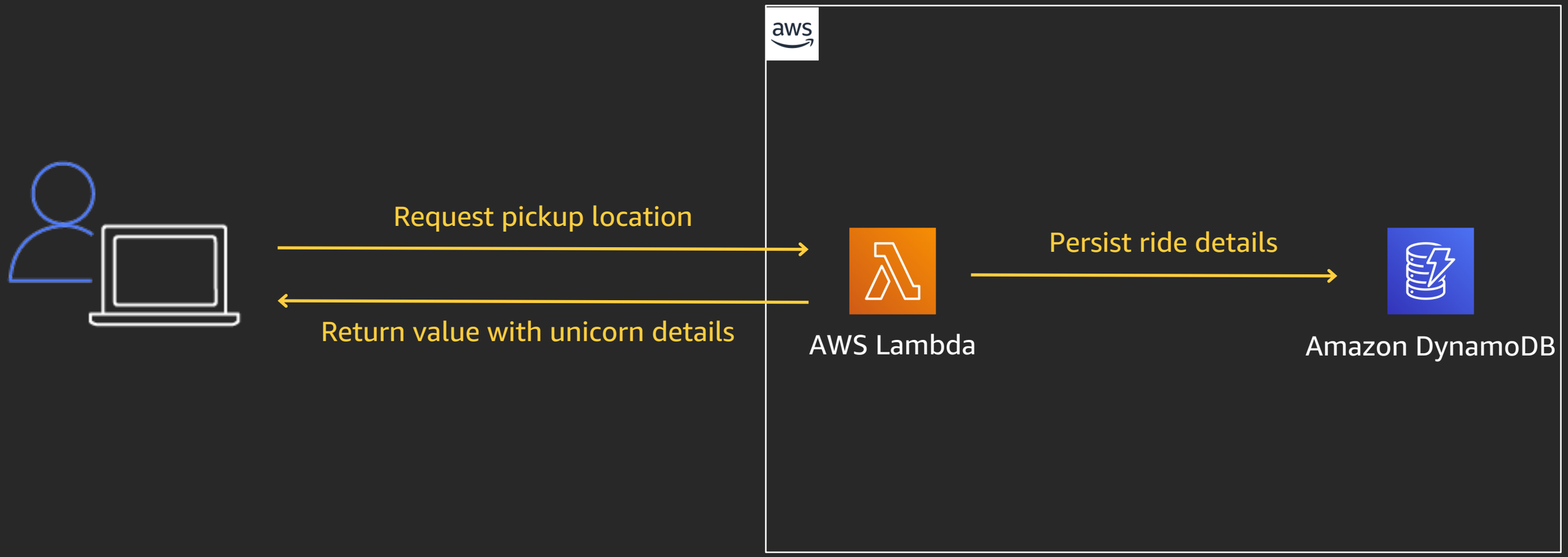
Module 3 – Serverless backend



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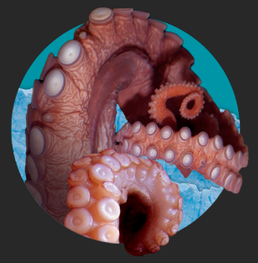

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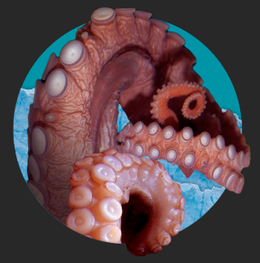
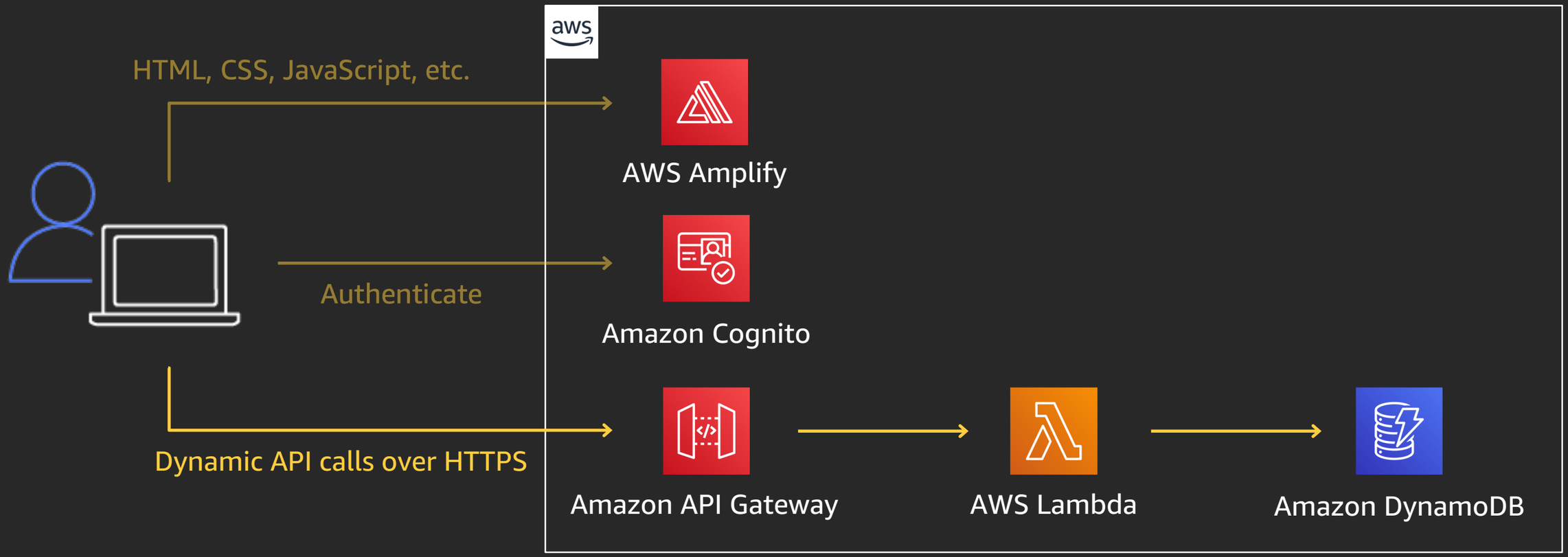
Module 4 – RESTful APIs





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Start your adventure. Go to: https://rebrand.ly/SVS203-R

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Thank you!

Ben Smith

benjasl@amazon.com
@benjamin_l_s

Rob Sutter

robsut@amazon.com
@rts_rob

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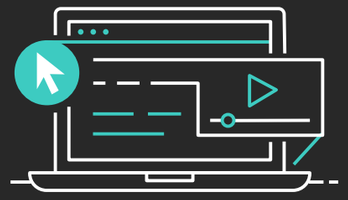
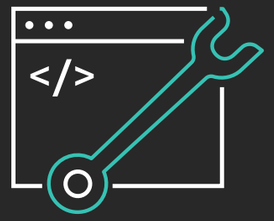
Learn serverless with AWS Training and Certification

Resources created by the experts at AWS to help you learn modern application development



Free, on-demand courses on serverless, including
Deep Dive: Lambda@Edge and Deep Dive on AWS Fargate



Additional digital and classroom trainings cover modern application development and computing

Visit the Learning Library at https://aws.training

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aws training and certification

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