



AWS re:Invent

SVS203-R1

Build a serverless ride-sharing web application

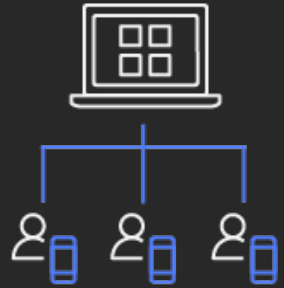
Ben Smith

Senior Developer Advocate
AWS Serverless

Rob Sutter

Senior Developer Advocate
AWS Serverless

Agenda



The workshop environment



The modules and services used



Building

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!

Prerequisites

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

The AWS services you will be using today

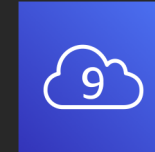
Developer tools



AWS Amplify



AWS CodeCommit



AWS Cloud9

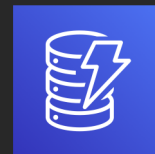
Backend services



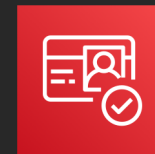
AWS Lambda



Amazon API Gateway



Amazon DynamoDB



Amazon Cognito

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

AWS Cloud9



Setting up Cloud9

Wild Rydes

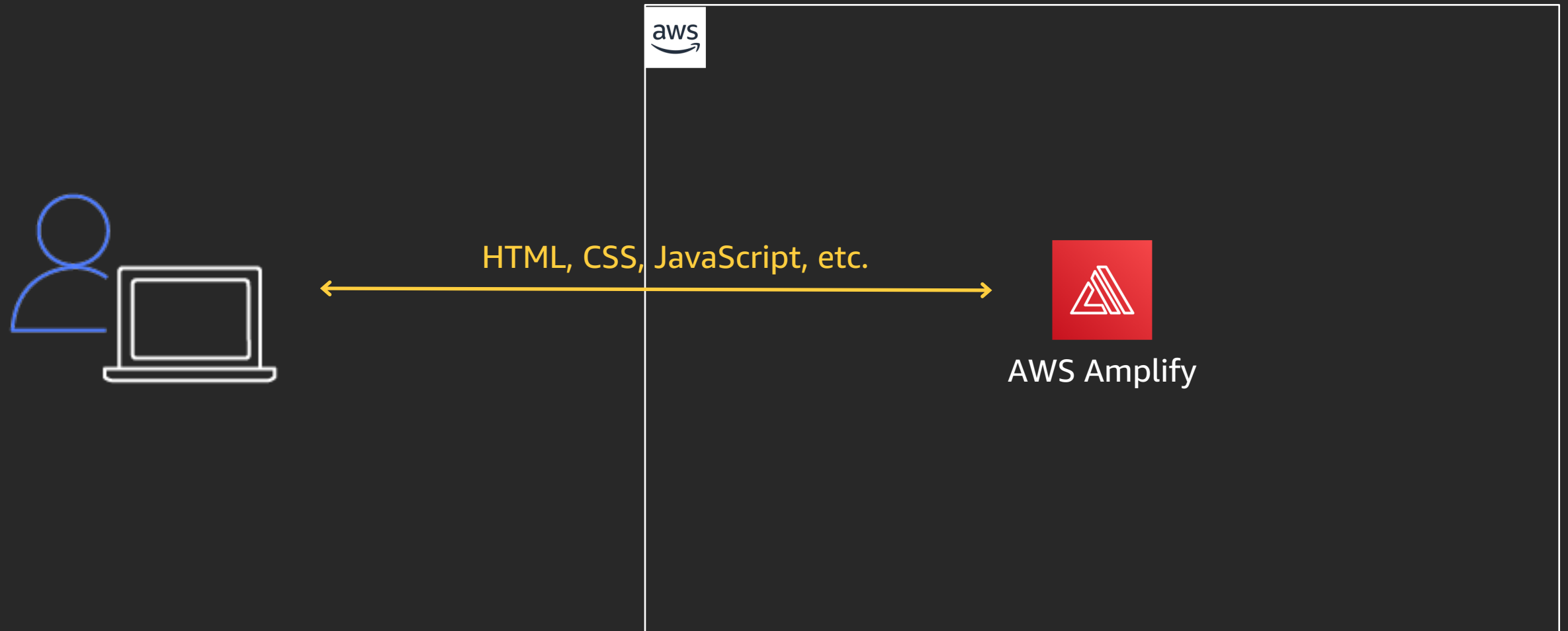


Today's adventure



- **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

Module 1 – Static web hosting

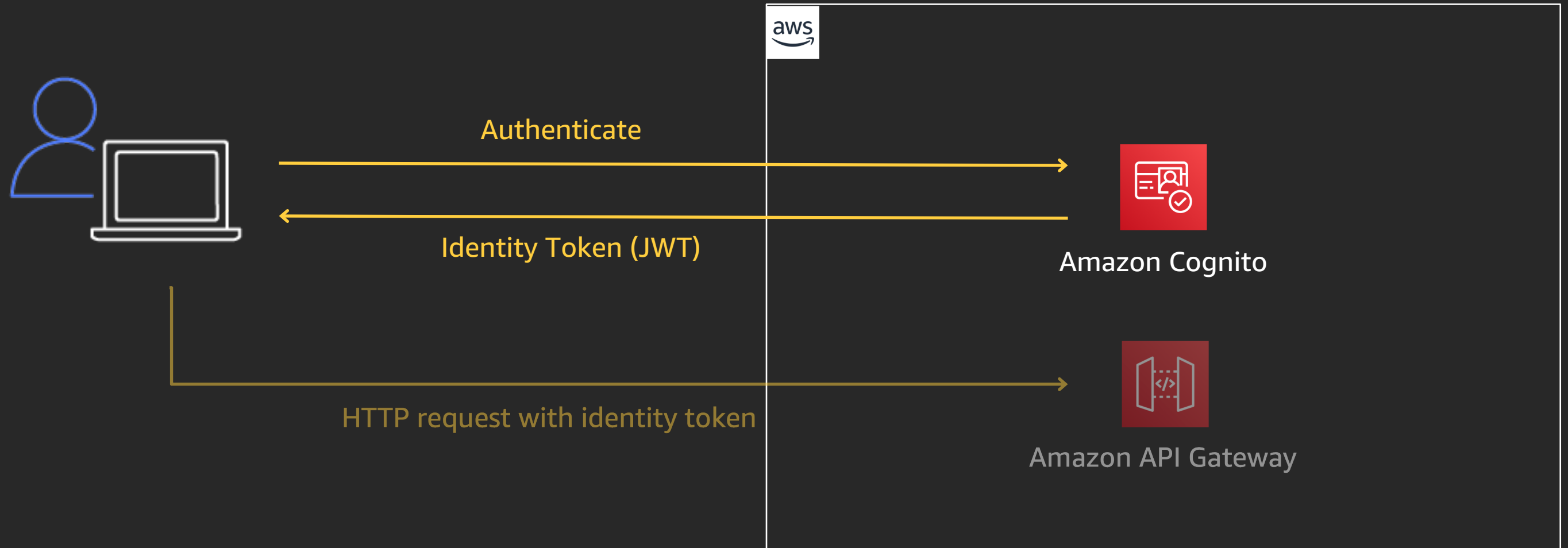


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Module 2 – User management

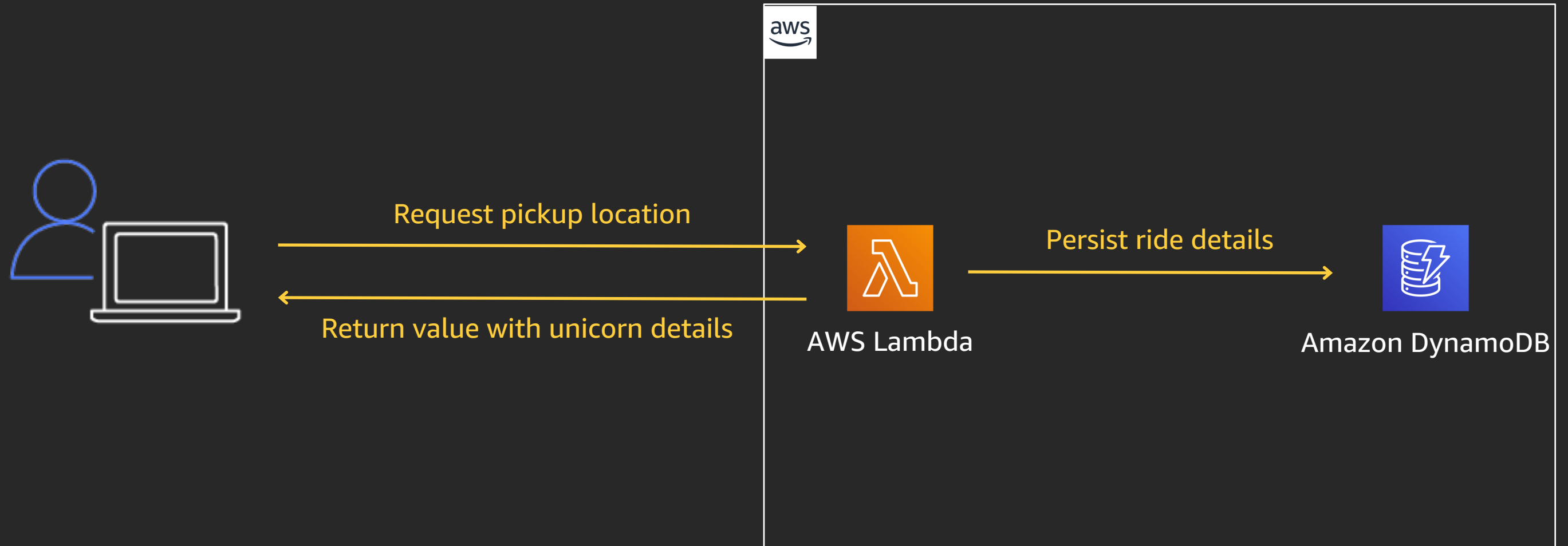


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Module 3 – Serverless backend

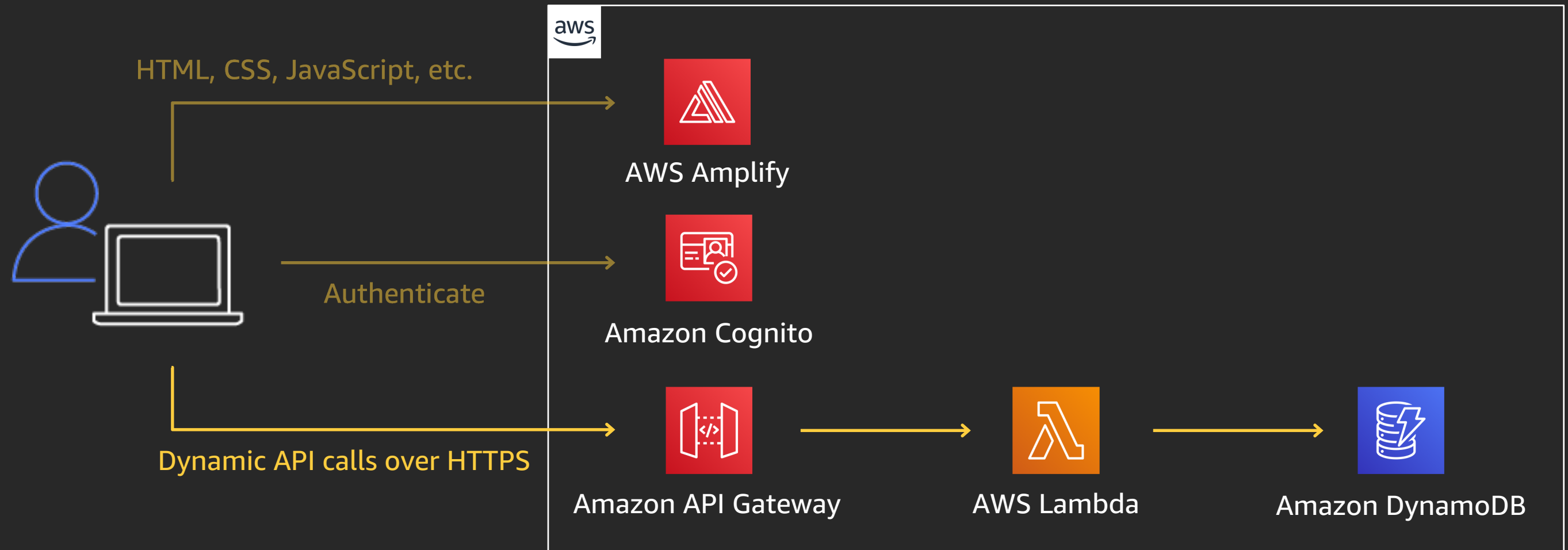
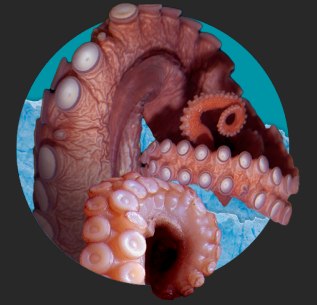


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Module 4 – RESTful APIs



Start your adventure. Go to:
<https://rebrand.ly/SVS203-R1>



Thank you!

Ben Smith

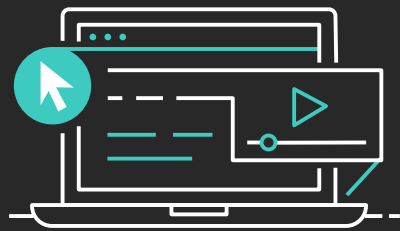
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Rob Sutter

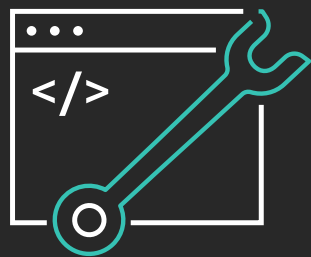
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