

Coding Evaluation

Overview

We would like you to create a Customers microservice

Guidelines:

- Create a git repository in GitHub that you can share with us when completed
- Create a Customers API that supports GET, PUT, DELETE and LIST
- Add a SEARCH endpoint that performs a free text search across all customer fields
- Use **TypeScript** for the backend controllers
- Persist customer information in a NoSQL document database (DynamoDB preferred)

Bonuses

If you have additional time you could explore these options:

- Unit testing or test automation
- Infrastructure automation in AWS (**Serverless** is our preferred framework)
- Use AWS Lambda for all backend controllers
- API endpoint security
- Configure a CI/CD pipeline
- API documentation
- Logging, monitoring and auditing

Evaluation

- A general overview of your development skills
- How you approach creation of a new project
- Structuring of your code and solution
- What solution design patterns you use
- What frameworks or tools you like to use
- How you implement automation to support coding practises