Engineer Test

Build a simple application that meets the requirements listed below.

Considerations

- You can use any programming language you like. Please indicate your preferred language in the `readme`.
- The application should be a lightweight, web-style API or service provider.
- Application code should be pushed to the Github repository provided by us.
- Not all items that will be evaluated are explicitly mentioned within the requirements. This is an opportunity to display your level of understanding and demonstrate your maturity within these technologies or techniques.
- You can take as much time as you like, but this test is intended to take no more than one day.

Functional Requirements

- Containerise your application as a single deployable `docker` image.
- `/info` endpoint which returns a `200` response in `JSON` format with the following:
    - `service_name`
    - `version`
    - `git_commit_sha`
    - `environment` - see next point below.
    - sample JSON response:

```
{
  "service_name": "myapplication",
  "version": "1.0.0",
  "git_commit_sha": "abc57858585",
  "environment": {
    "service_port": "8080",
    "log_level": "INFO"
  }
}
```

- Reads in `environment` configuration:
    - `service_port`
    - `log_level`
- Log requests to `/info` to `stdout`, preferably structured.
- Documentation:
    - Assume this is an open source project for style and content.
    - How the application works.
    - How to build - please provide a **builder docker image** (base image or custom Dockerfile).
    - How to deploy.
    - Any key design decisions/risks.