

Back-end challenge (Images upload API):

- Create an API to enable system users to securely upload images provided that they are authenticated.

Requirements:

- The API must be written using Nodejs.
- - The API must be deployable to AWS Lambda (you can either use a free aws account or use the serverless-offline library).
- - The images must be stored into AWS S3 (you can either create a free aws account or use localstack).
- - Think about security while developing you APIs (it is impossible to have a system 100% secure).
- - Create a GitHub repository with your project.

Extra (optional):

- Expose a User API to Register and Login system users.
- Extract image metadata (EXIF, IPTC) using image magick (<https://imagemagick.org/script/identify.php>).
- Store the extracted metadata as a JSON file in the same S3 location the image was saved.

Additional points if:

- Use serverless framework.
- Use typescript.
- Use of public layers (where necessary).
- Unit or Integration Tests.
- Documentation.

Estimated time:

- 6 hours.

Please share the public GitHub URL back to us when the code is completed.