**Python** **or** **NodeJS or Typescript Backend** **Challenge**

**Task**:

• Build a RESTful api that services requests for sprocket factory data and sprockets.

• The app should be built using either Python or NodeJS or Typescript.

• For data retention, a database or cache can be used.

• Ideally, use docker/docker-compose for standing up the datastore.

• The code should be on a github repository that should be shared with your engineering contact.

**Requirements**:

• RESTful Endpoints

• An endpoint that returns all sprocket factory data

• An endpoint that returns factory data for a given factory id

• An endpoint that returns sprockets for a given id

• An endpoint that will create new sprocket

• An endpoint that will update sprocket for a given id

   -  Seed data/examples of the factory and sprocket are in the attached JSON files

   -  Include a README with instructions on how to stand up the database and application