# Step to create and deploy Serverless Tour of Heroes application

1. Create source code Front-end:  
   Graphical user interface, text, application

   Description automatically generated
2. Run “npm run build” to build project:  
   Text

   Description automatically generated
3. Create S3 bucket and upload file in build folder via aws cli:  
   “aws s3 cp ./ s3://udacity-capstone-frontend –recursive”  
   Graphical user interface

   Description automatically generated
4. Enable static web hosting for S3 bucket:  
   Graphical user interface, text, application, email

   Description automatically generated
5. Add bucket policy:  
   Graphical user interface, text, application, email

   Description automatically generated
6. Create Auth0 Application follow by Udacity guide:  
   Graphical user interface, text, application, email

   Description automatically generated
7. Edit callback endpoint, domain, clientId in “config.ts” file

Text

Description automatically generated

1. Test deploy frontend application

Graphical user interface, text, application, email

Description automatically generated

1. Create source backend and serverless.yml

Text

Description automatically generated

1. Deploy serverless application and check CloudFormation Stack

cd backend

npm update --save

npm audit fix

serverless

serverless deploy –verbose

Graphical user interface, text, application, email

Description automatically generated

1. Edit the api gateway Id in “config.ts” file

Text

Description automatically generated

1. Test Auth0 and get the list of hero:

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, Teams

Description automatically generated

1. Check logs APIGateway and Lambda Function using CloudWatch

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated