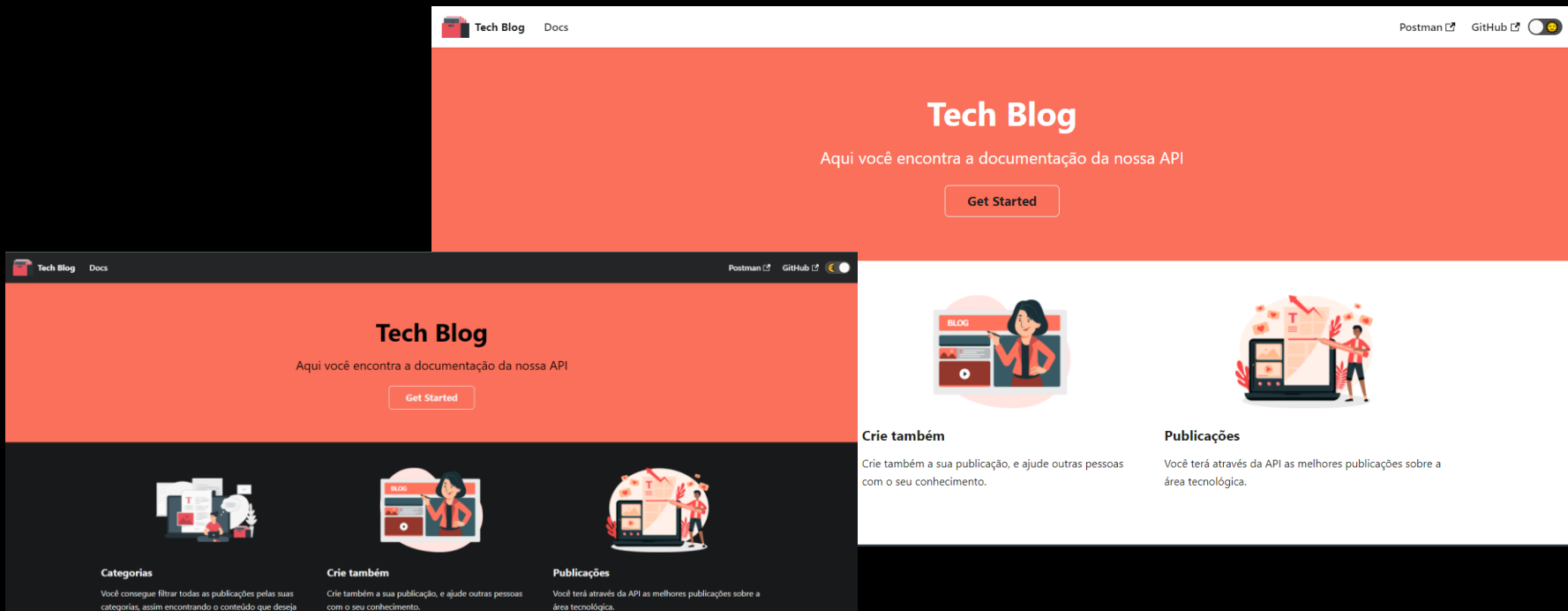


# Tech Blog

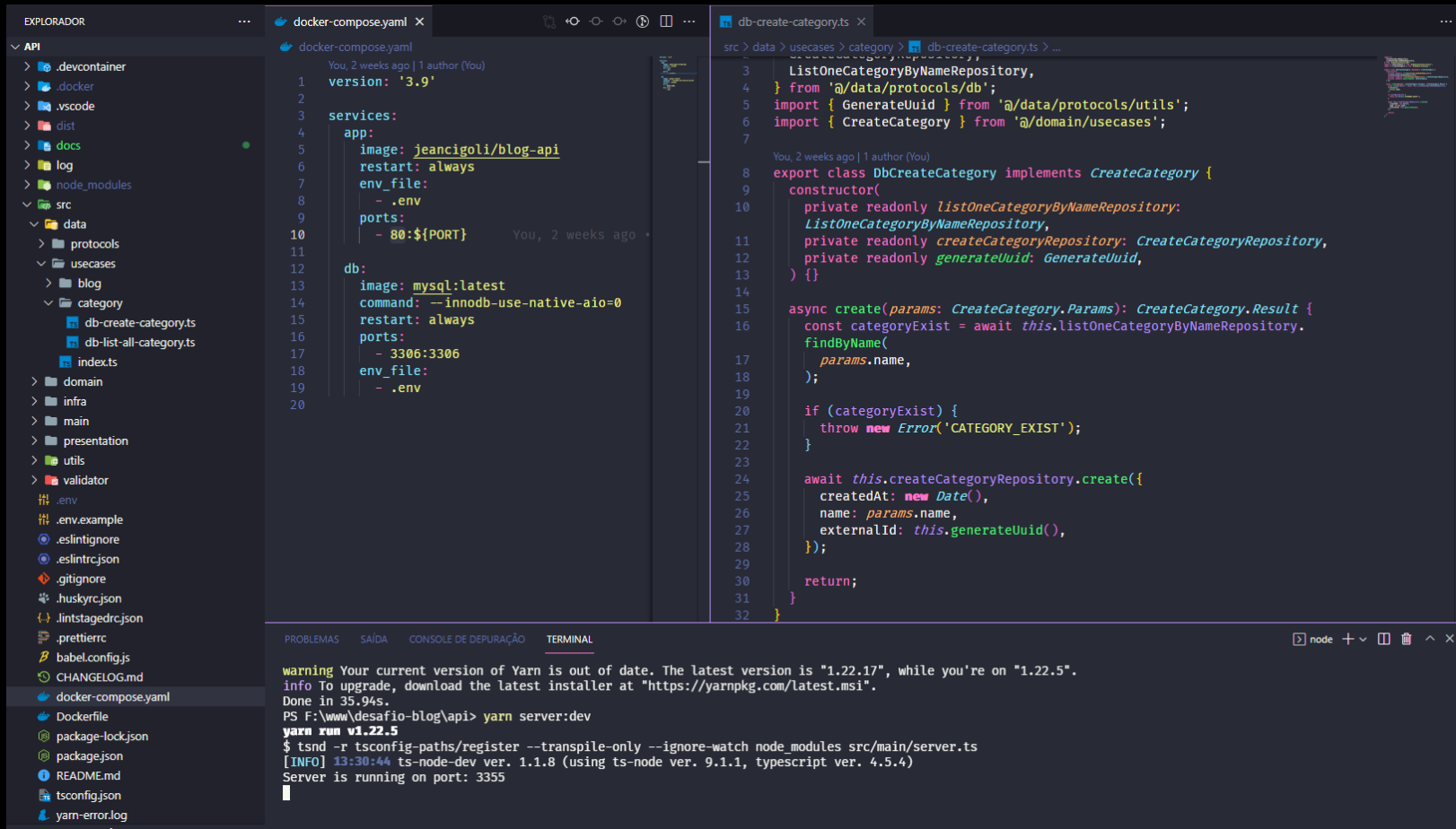
Esse desafio era criar uma API em Node.js para um blog. Esse blog deve conter posts, categorias atreladas e autor.

Para ajudar na utilização da API foi solicitado a documentação, onde optei pelo docusaurus.



A API foi hospedada no EC2 da AWS, e para facilitar o deploy foi gerado uma imagem da aplicação com o Docker.

O seu banco de dados Mysql está no RDS.



The screenshot shows a VS Code editor with three main panels. The left panel is the Explorer, showing a file tree with folders like .devcontainer, .docker, .vscode, dist, docs, log, node\_modules, src, data, protocols, usecases, blog, category, domain, infra, main, presentation, utils, and validator. The middle panel shows the docker-compose.yml file, which defines two services: 'app' and 'db'. The 'app' service uses the 'jeancigoli/blog-api' image and listens on port 80. The 'db' service uses the 'mysql:latest' image and listens on port 3306. The right panel shows the db-create-category.ts file, which contains TypeScript code for a database repository and a service class. The bottom panel is the Terminal, showing a warning about an outdated Yarn version and the command 'yarn run v1.22.5' being executed.

```
EXPLORADOR
API
  .devcontainer
  .docker
  .vscode
  dist
  docs
  log
  node_modules
  src
    data
      protocols
      usecases
      blog
      category
        db-create-category.ts
        db-list-all-category.ts
        index.ts
    domain
    infra
    main
    presentation
    utils
    validator
  .env
  .env.example
  .eslintignore
  .eslintrc.json
  .gitignore
  .huskyrc.json
  .lintstagedrc.json
  .prettierrc
  babel.config.js
  CHANGELOG.md
  docker-compose.yml
  Dockerfile
  package-lock.json
  package.json
  README.md
  tsconfig.json
  yarn-error.log

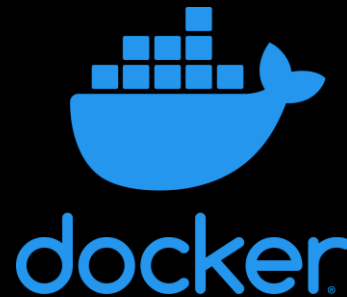
docker-compose.yml
You, 2 weeks ago | 1 author (You)
1 version: '3.9'
2
3 services:
4   app:
5     image: jeancigoli/blog-api
6     restart: always
7     env_file:
8       - .env
9     ports:
10      - 80:${PORT}
11
12   db:
13     image: mysql:latest
14     command: --innodb-use-native-aio=0
15     restart: always
16     ports:
17      - 3306:3306
18     env_file:
19      - .env
20

db-create-category.ts
src > data > usecases > category > db-create-category.ts > ...
3 ListOneCategoryByNameRepository,
4 } from '@data/protocols/db';
5 import { GenerateUuid } from '@data/protocols/utils';
6 import { CreateCategory } from '@domain/usecases';
7
8 You, 2 weeks ago | 1 author (You)
9 export class DbCreateCategory implements CreateCategory {
10   constructor(
11     private readonly listOneCategoryByNameRepository:
12       ListOneCategoryByNameRepository,
13     private readonly createCategoryRepository: CreateCategoryRepository,
14     private readonly generateUuid: GenerateUuid,
15   ) {}
16
17   async create(params: CreateCategory.Params): CreateCategory.Result {
18     const categoryExist = await this.listOneCategoryByNameRepository.
19       findByName(
20         params.name,
21       );
22
23     if (categoryExist) {
24       throw new Error('CATEGORY_EXIST');
25     }
26
27     await this.createCategoryRepository.create({
28       createdAt: new Date(),
29       name: params.name,
30       externalId: this.generateUuid(),
31     });
32   }
33 }

PROBLEMAS SAÍDA CONSOLE DE DEPURACÃO TERMINAL
warning Your current version of Yarn is out of date. The latest version is "1.22.17", while you're on "1.22.5".
info To upgrade, download the latest installer at "https://yarnpkg.com/latest.msi".
Done in 35.94s.
PS F:\www\desafio-blog\api> yarn server:dev
yarn run v1.22.5
$ tsnd -r tsconfig-paths/register --transpile-only --ignore-watch node_modules src/main/server.ts
[INFO] 13:30:44 ts-node-dev ver. 1.1.8 (using ts-node ver. 9.1.1, typescript ver. 4.5.4)
Server is running on port: 3355
```

# Ferramentas e bibliotecas utilizadas:

- Typescript
- Express
- Git
- Mysql
- Docker
- Docusaurus 2



Para ler mais sobre a parte técnica do projeto ou caso deseje olhar o código, o link do github estará no texto da publicação.

```
{
  "title": "O que é a Tech blog?",
  "short_description": "Conheça a plataforma que te ajuda a entender o mundo tech
de maneira simples e descomplicada.",
  "author": "Jean Cigoli",
  "author_photo": "https://avatars.githubusercontent.com/u/43609958?v=4",
  "categories": [
    "822cb986-d80c-4ad1-8364-9d1444e7cbb6"
  ],
  "sections": [
    {
      "title": "O que é a tech blog?" ,
      "text": "O desafio que move a Saúde iD ...."
      "image": "https://....png"
    }
  ]
}
```



jeancigoli



JeanCigoli