

MAGAZINE CHALLENGE



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Application Architecture

Single Page Application:

The Application is divided into following components.

- Listing Component
- Single List Item Component
- Single Detail Component

Home Page Trending Articles:

- Home page has an overview of the latest articles from the /latest_posts.json.
- For each article the title, the thumbnail (image), the excerpt of the article are shown.

Home

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Trending Articles



Dornoch Castle: A Whisky Tasting at One of the World's Most Popular Hotel Bars

Dornoch Castle has amassed a whisky collection unlike most any other in the world. trivago Magazine Editor, Joe Baur, signs up for their whisky tasting. Video below.



8 Virginia Beach Oceanfront Hotels: Explore the Boardwalk and Hit the Beach
Sunsets, sunscreen, and sand. That's summer in Virginia Beach. Check out these 8 Virginia Beach oceanfront hotels to experience the best of it all.

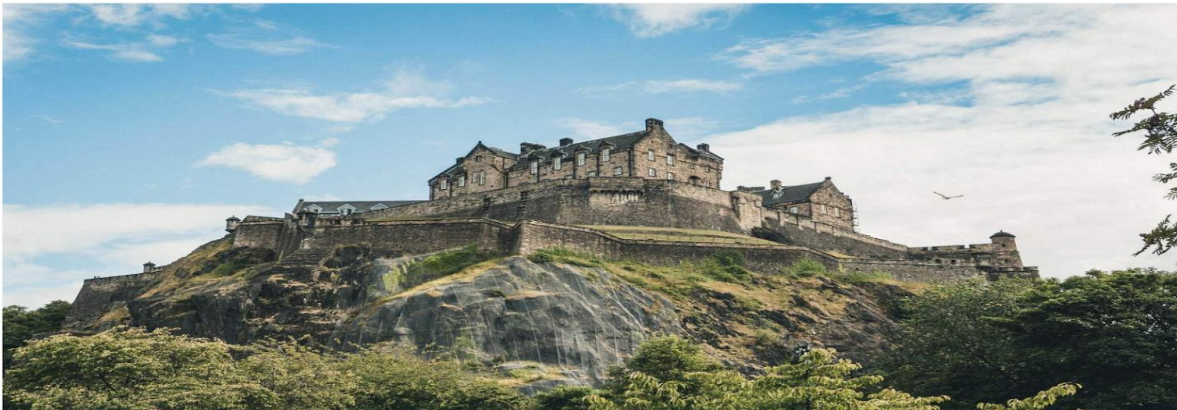
Article Detail Page:

- An article detail page present the entire article fetched from the uri from the /latest_posts.json.
- The article detail page contain the thumbnail (image) on top of the page, the title of the article, and the “intro_text” from the content section 0.
- **Rating** functionality is implemented using django rest framework. API endpoints are exposed and in **magazine** react app these endpoints are used for submitting ratings of articles.

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Rate Article: ★ ★ ★ ★ ★



7 Hotels Near Edinburgh Castle: A City Break with a Medieval View

Central Edinburgh's storied beauty is matched by its luxury hotels. Slumber in elegant period rooms, sample the fresh flavors of local Scottish produce in atmospheric hotel bistros and let your worries float away in tranquil hotel spas. This list includes some of the oldest buildings in Edinburgh – as much a part of the historic fabric of this city as the castle itself.

As these hotels are so centrally located, you'll be within walking distance of the majestic Edinburgh Castle so you can explore with ease. You'll also be just minutes away from the cozy shops and cafés of the Old Town and the splendor of the Grassmarket.

Improve Search Engine Crawling:

Solution:

- Change meta robots : **noindex, nofollow** to **Index, follow**.
- By this change now you are allowing search engines to crawl the site

Dockerize Application Deployment:

- Created a Django app that runs inside a Docker container.
- Create a React app with the all-too-literally-named Create React App that runs inside a Docker container.
- Implement these dockerized apps as services in Docker Compose.
- Connect the magazine service to a basic backend API from which it can fetch data.

Github Code Link: [Docker Django React Trivago APP](#)

