



Portfolio

Abdelfattah Ragab



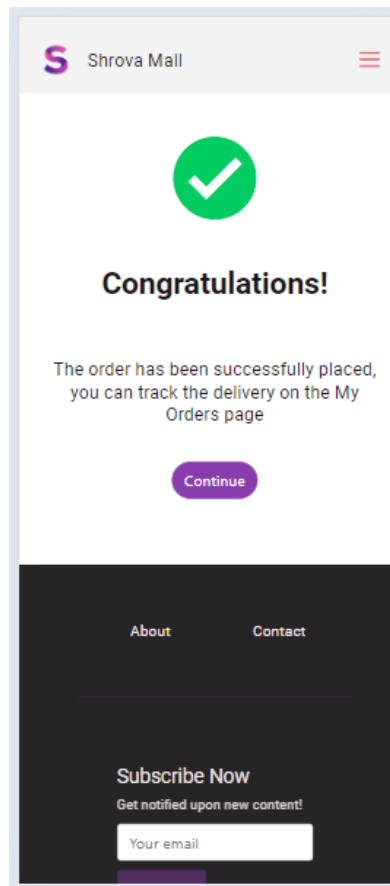
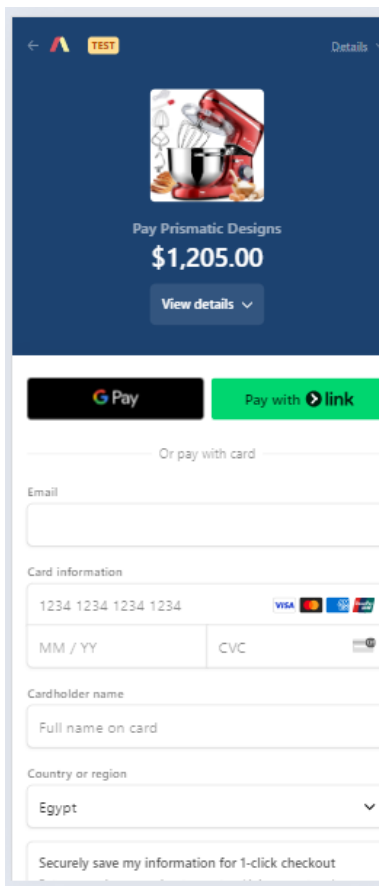
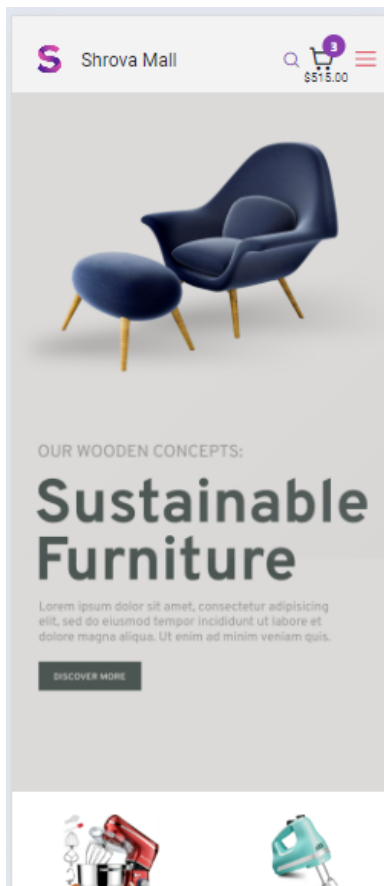
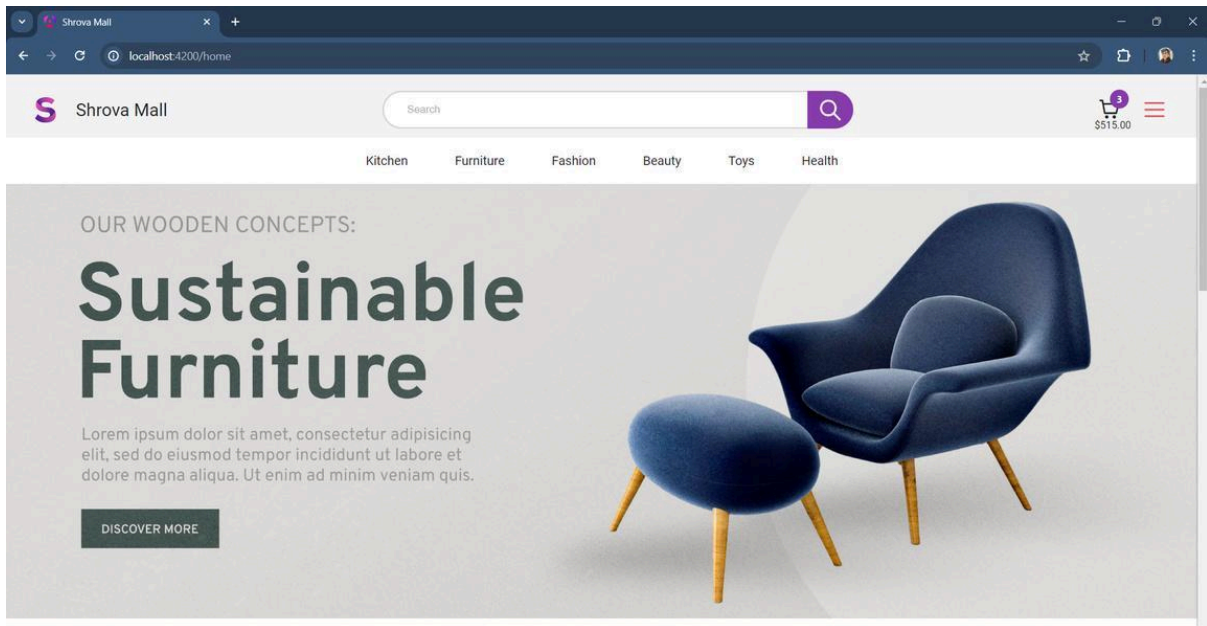
2024

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Shrova Mall (Independent Project)



Technology:

Angular, PrimeNG, NestJS, PostgreSQL, Stripe, Shippo, Firebase, Webhooks, Git.

Challenge:

Providing Payments and Shipping functionalities.

Solution:

Integration of Stripe and Shippo.

Description:

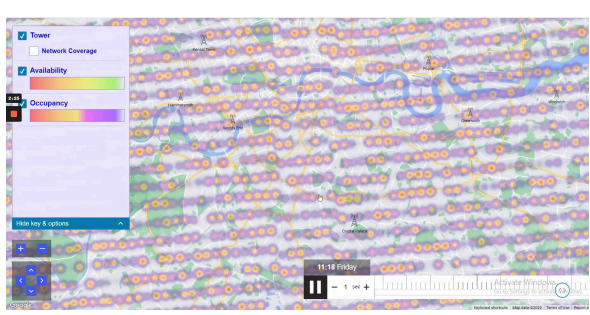
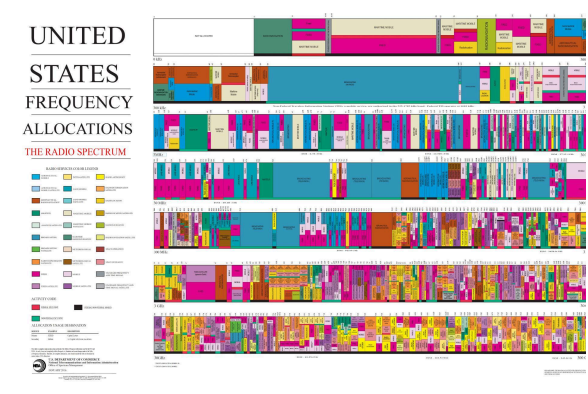
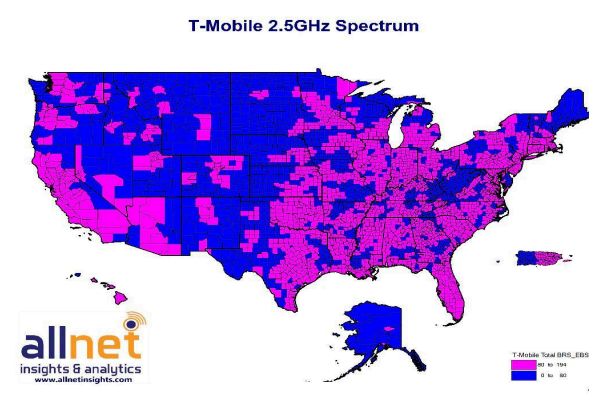
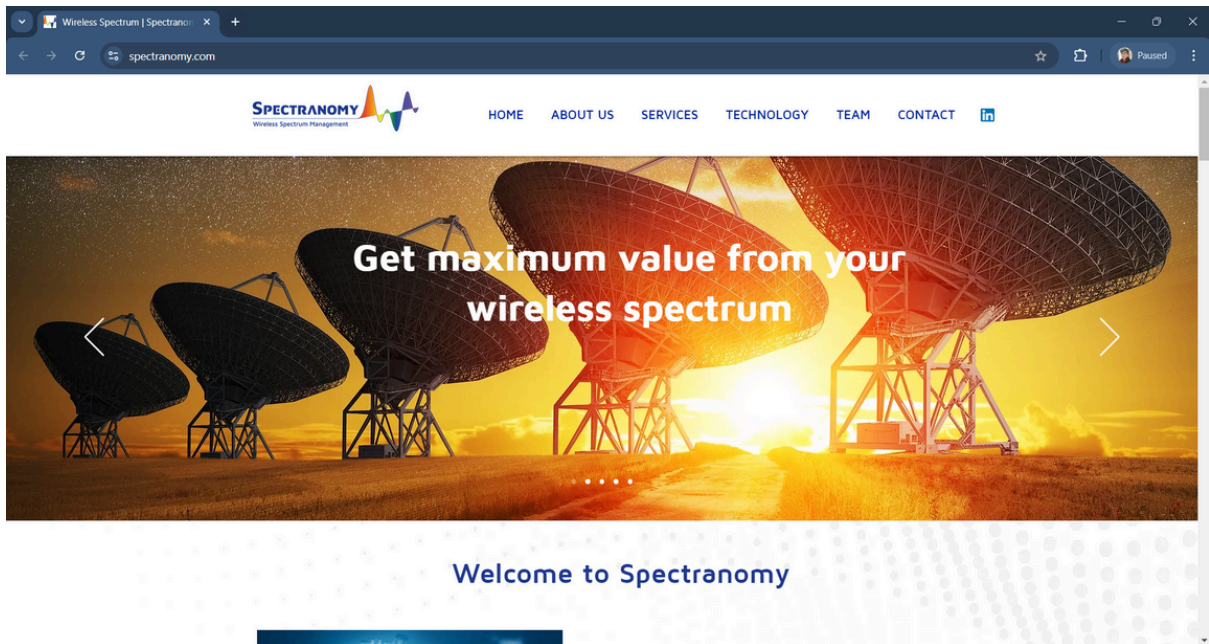
A state-of-the-art e-commerce platform that enhances the digital retail experience by implementing a robust online shopping system, integrating state-of-the-art security measures, Stripe payment processor and Shippo gateway for shipping functionality.

GitHub:

<https://github.com/fullstackragab/shrova-fe>

<https://github.com/fullstackragab/shrova-be>

Spectranomy, USA



In reality the people move naturally rather than in organized lines as depicted in the image. This organization is the result

of using a generator tool to test the application under various data loads.

Technology:

Angular, Google Maps, TypeScript, JavaScript, .NET.

Challenge:

Optimize the performance of dynamic animated dots representing mobile users moving on Google Maps, as well as transmission towers with information on each antenna, signal strength, coverage, performance and many other details. A huge amount of data that I need to display on the map with animations that should run smoothly.

Solution:

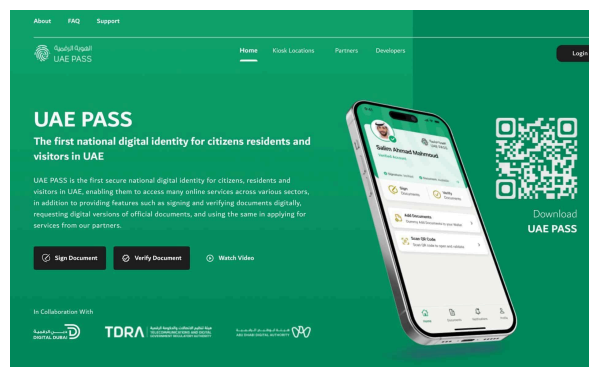
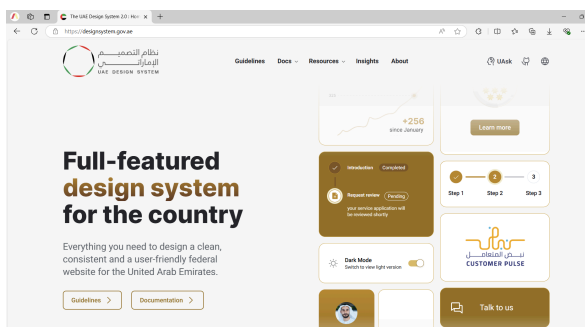
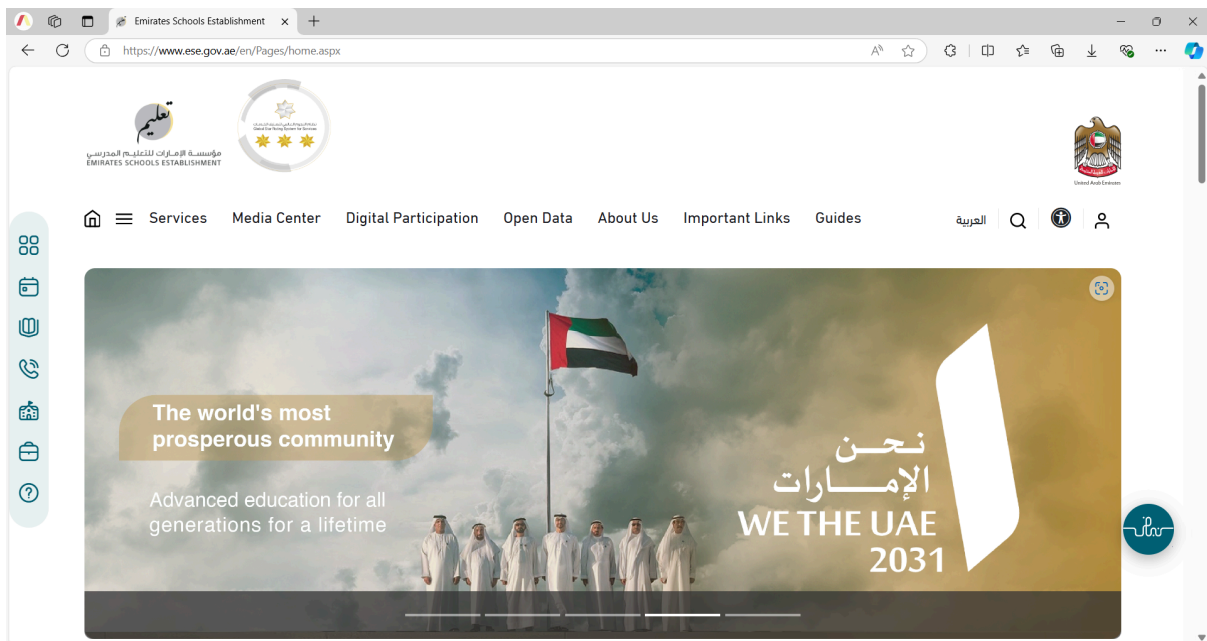
lazy loading, ngZone, change detection, defer loading, CSS animations, pure pipes, media optimization, responsive design, mobile first design, loading data only for the visible map area, threshold and filter data according to zoom level to eliminate minor details until zoom in, minimizing server requests and caching data when possible.

Description:

The aim of the application is to simulate the operation of communication stations on Google Maps in real time. I should display animated dots representing mobile users moving on Google Maps. I should also display transmission towers with information about each antenna, signal strength, coverage, power and many other details. A huge amount of data that I need to display on the map with animations that should run smoothly.

By using the mentioned optimization techniques, I achieved the goal of optimal performance while displaying real-time data without delays.

Emirates Schools Establishment, UAE



Technology:

Angular, UAE Design System 2.0, Tailwind CSS, WCAG 2.2 Level AA, WAI-ARIA, Redux, NgRx.

Challenge:

Follow the government standards

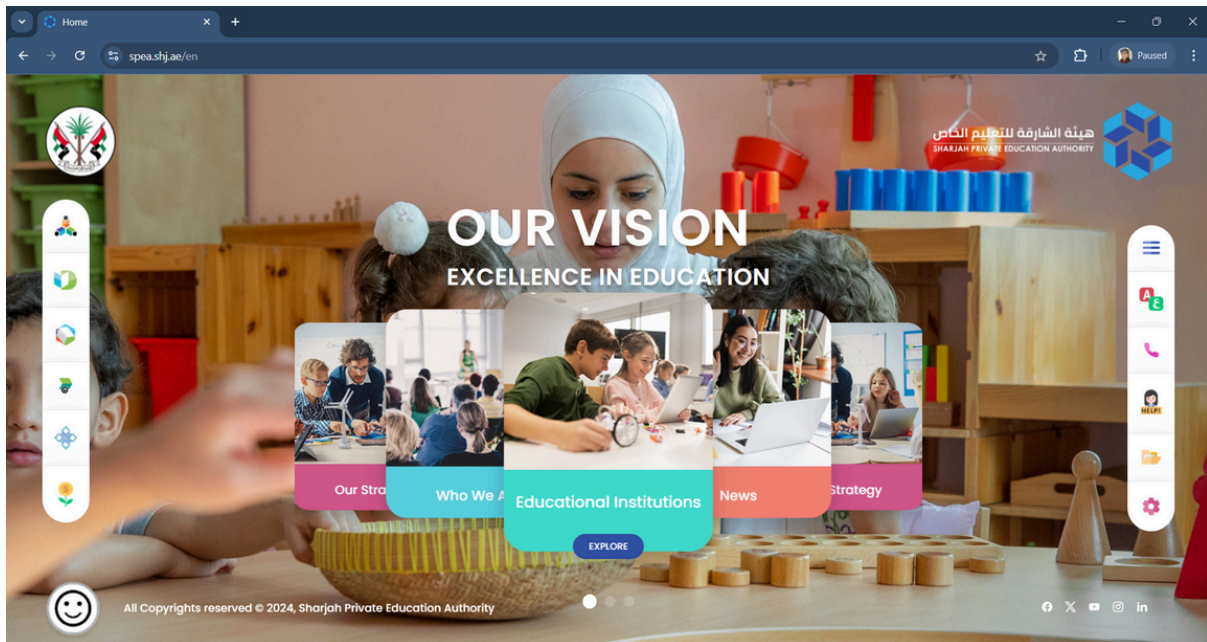
Solution:

Use of UAE Design System 2.0, Tailwind CSS, WCAG 2.1 Level AA, and WAI-ARIA.

Description:

Building the education system according to the government standards, reducing processing time by 30% and minimizing errors.

Sharjah Private Education Authority, UAE



هيئة الشارقة للتعليم الخاص
SHARJAH PRIVATE EDUCATION AUTHORITY



BLACKSTONE^{eIT}

Technology:

Angular, Adobe XD, Angular Material, JavaScript, TypeScript, RxJS, Testing, Cypress, .NET.

Challenge:

Apply a new design and do testing.

Solution:

Convert the Adobe XD design into a Pixel Perfect Angular application and use Cypress for testing.

Description:

On behalf of the Sharjah Private Education Authority, I improved operational efficiency by 25%, implemented the new concept and conducted tests.

Your Project's Success Starts with Abdelfattah Ragab, Angular Development Leader

Are you looking for a seasoned Angular expert to elevate your project to the next level? Meet Abdelfattah Ragab, a Senior Angular Developer with a proven track record of transforming ideas into robust digital solutions.

Why Choose Abdelfattah?

- Extensive Experience:** With 8 years of specialized Angular development experience, Abdelfattah has crafted high-performance applications across diverse industries, from e-commerce to education and automotive.
- Proven Leadership:** Having led teams for 6 years, Abdelfattah excels in guiding projects from conception to completion, ensuring timely delivery and exceptional quality.
- Cutting-Edge Expertise:** As an author of leading Angular books in 2024, Abdelfattah is at the forefront of Angular innovation. His proficiency extends to integrating advanced technologies such as AR/VR, IoT, Blockchain, and AI into Angular applications.
- Performance-Driven Solutions:** Abdelfattah focuses on optimizing application performance and efficiency. His work has led to significant improvements, such as a 25% boost in operational efficiency and a 30% reduction in processing time for complex systems.
- Accessibility Champion:** Abdelfattah is well-versed in WCAG 2.1 AA and WAI-ARIA standards, ensuring that all applications are accessible to users with disabilities. He consistently achieves a Lighthouse score of 90+, demonstrating his commitment to high accessibility standards and compliance with Section 508.
- Versatile Skill Set:** Beyond Angular, Abdelfattah brings expertise in backend development, DevOps, and cloud computing, as well as a keen eye for UI/UX and graphic design. This unique combination ensures a holistic approach to application development.
- Global Experience:** Abdelfattah has successfully delivered projects worldwide, from the UAE to Switzerland, the USA, and Egypt, adapting seamlessly to diverse business environments and cultural contexts.

Key Achievements:

E-commerce Innovation: Developed a cutting-edge platform for Shrova Mall, enhancing digital retail experiences with state-of-the-art security and payment integrations.

- Educational Excellence: Led the development of an education system that drastically improved processing times and reduced errors.
- Healthcare Transformation: Designed a robust lab management system ensuring accurate medical reporting. HIPAA-certified.
- Real-Time Solutions: Created a simulation system for radio stations that revolutionized real-time signal tracking.

Ready to Transform Your Vision?

Whether you're a startup looking for dynamic solutions or an established company seeking to innovate, Abdelfattah Ragab is your go-to Angular expert. His commitment to excellence and innovation will bring your project to life with unmatched quality and precision.

Contact Abdelfattah Ragab Today!

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Don't miss the opportunity to work with a developer who combines technical expertise with creative vision. Reach out today and let's build something amazing together!

Media Attributions:

Businessman banner with leader in conference room

Image by [upklyak](#) on Freepik