

DAY 6 - DEPLOYMENT PREPARATION AND STAGING ENVIRONMENT SETUP

GIAIC Q2 Marketplace Builder Hackathon 2025 Submission Form

Thank You for Your Hackathon Submission

This is Ameen Alam, Dean of Faculty. On behalf of all faculty members, I want to congratulate you on completing the hackathon and submitting your work. Your dedication over the past 11 months has been inspiring, and we are proud of your progress.

We hope this journey has prepared you to confidently launch your marketplace and take the first step toward a successful future. Keep pushing your limits, learning new skills, and embracing innovation. The skills you've gained here are just the beginning of a fulfilling professional journey.

As we look ahead, I encourage you to start learning Python independently. Python is a powerful tool that will be invaluable in Q3.

To get started, here is some Python content for you: https://github.com/panaversity/learn-modern-ai-python/tree/main/04_natural_language_programming

Start as soon as you can—it will greatly benefit your career and upcoming studies.

Lastly, please remember that on Saturday and Sunday, 25-26 January 2025, you will have an Advanced Next.js MCQs-based exam. The exam will consist of 20 complex MCQs based on official Next.js documentation, so make sure to review it thoroughly.

Wishing you success in your journey and looking forward to seeing you in Q3.

Warm regards,
Ameen Alam
Dean of Faculty
Governor House IT Initiative Program

[Edit your response](#)

Day 6 - Deployment Preparation and Staging Environment Setup

focuses on preparing your marketplace for deployment by setting up a staging environment, configuring hosting platforms, and ensuring readiness for a customerfacing application. Building on the testing and optimization work from Day 5, this stage emphasizes ensuring the marketplace operates seamlessly in a production-like environment. Students will also learn about industry-standard practices for managing different environments like non-production (TRN, DEV, SIT) and production (UAT, PROD, DR).

Hosting Vercel ✓

GitHub repository ✓

Sanity CMS and third-party APIs. ✓

Test Case Reporting ✓

Functional Testing ✓

Performance Testing ✓

Security Testing ✓

Performance Testing ✓

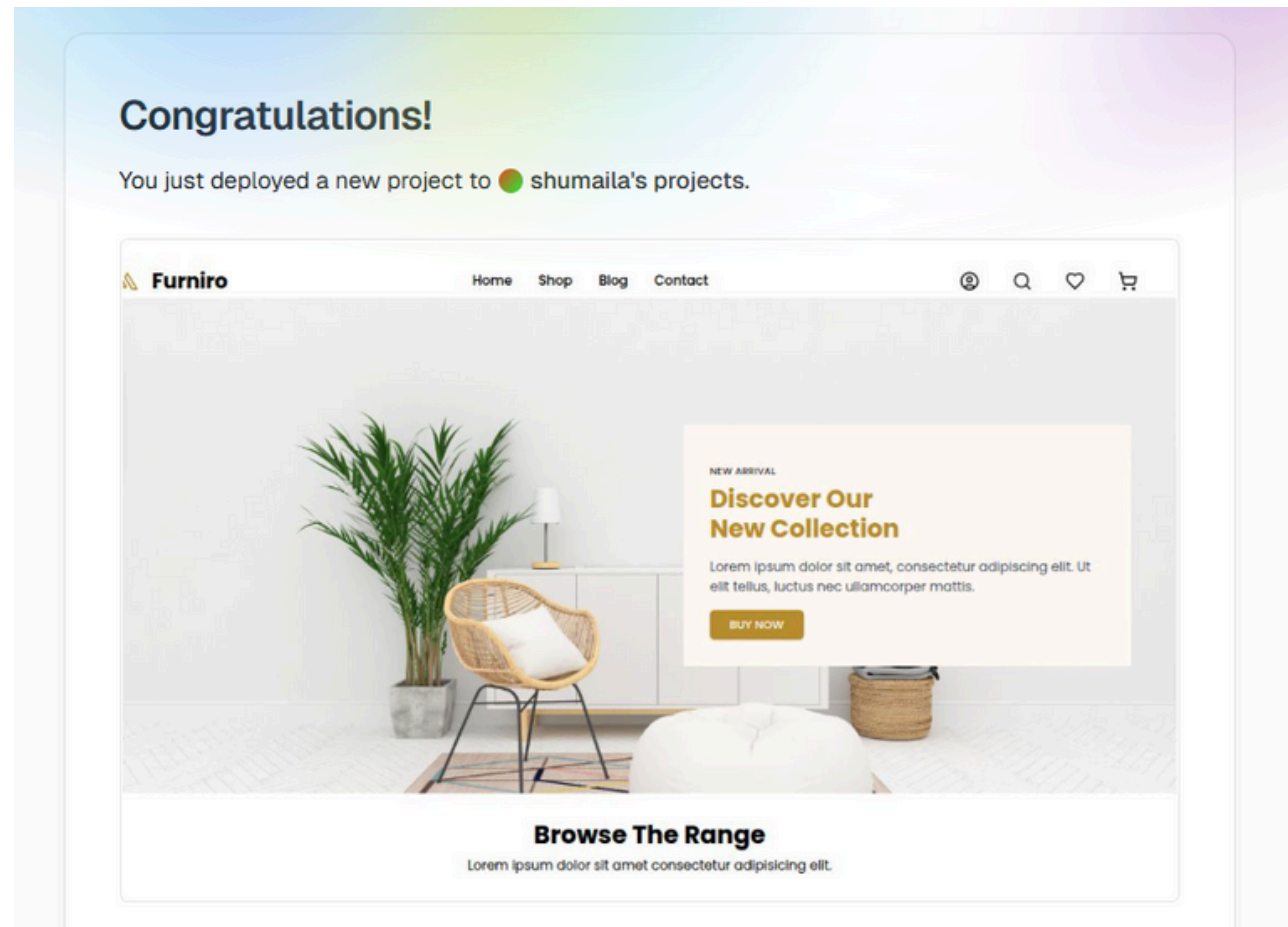
Deployment Preparation: ✓

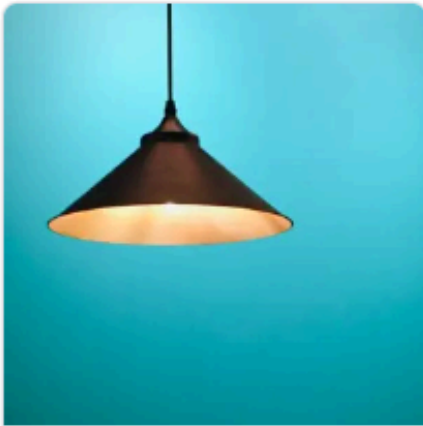
Staging Environment Testing: ✓

Documentation: ✓

Form Submission: ✓

Final Review: ✓






0

The Lucky Lamp

Rp 200 ~~Rp 200~~


 Add to cart

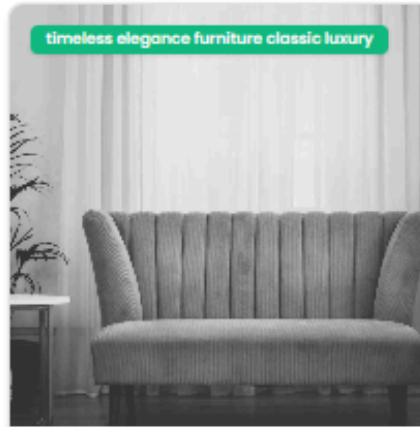


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Zen Table

Rp 250 ~~Rp 250~~


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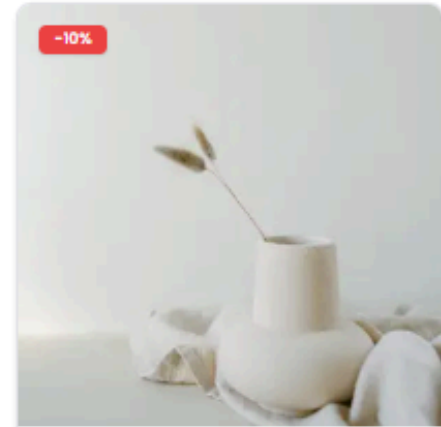


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Timeless Elegance


Rp 320 ~~Rp 320~~

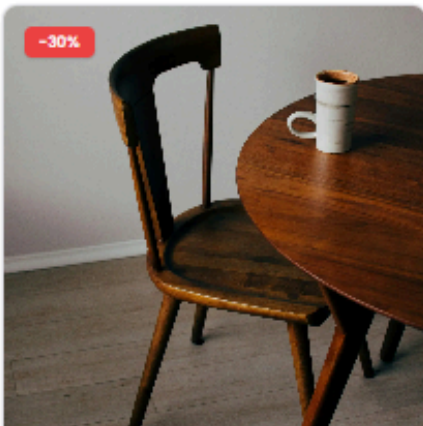
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Rustic Vase Set

Rp 210 ~~Rp 210~~


 Add to cart

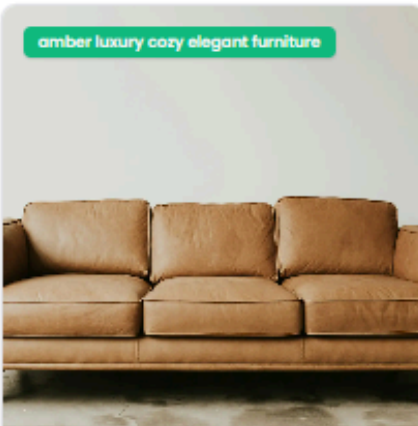


-30%

Timber Craft

Rp 320 ~~Rp 320~~


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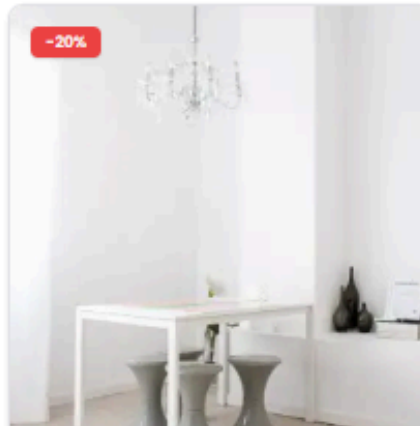


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Amber Haven

Rp 150 ~~Rp 150~~


 Add to cart



-20%

Syltherine

Rp 200 ~~Rp 200~~


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0

Marble Ease

Rp 419 ~~Rp 419~~

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Sign in to Furnuro

Welcome back! Please sign in to continue



Continue with Google


or

Email address

Enter your email address

Continue ▶

Don't have an account? [Sign up](#)

Secured by  clerk

Development mode



Shipment Details

Carrier ID

se-1583244

Service Code

USPS Priority Mail



Ship To

Name

Phone

Address

City

State

Postal Code


Country Code

US

Residential?

Yes



 **Ship From**

Name

Company Name

Phone

Address

City

State

Postal Code

Country Code

US

Residential?

No

 **Package Details**

Weight (ounce)

0

Height (inch)

0

Width (inch)

0

Length (inch)

0

P

US POSTAGE & FEES PAID IMI
1 LB PRIORITY MAIL RATE
ZONE 7 NO SURCHARGE
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SAN JOSE CA 95128


USPS TRACKING #

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Bold Nest

Rs.260.00

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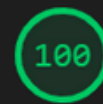
Performance



Accessibility



Best Practices



SEO



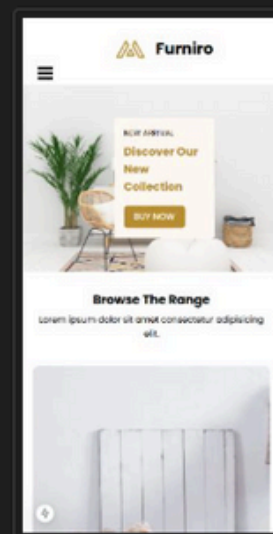
Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49

■ 50–89

● 90–100



METRICS

[Expand view](#)

▲ First Contentful Paint

4.5 s

▲ Largest Contentful Paint

11.9 s

■ Total Blocking Time

350 ms

● Cumulative Layout Shift

0.012

54

89

79

100

- ▲ Serve images in next-gen formats — Potential savings of 991 KiB
- ▲ Minify JavaScript — Potential savings of 166 KiB
- ▲ Reduce unused JavaScript — Potential savings of 365 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
- Avoid long main-thread tasks — 9 long tasks found
- Minimize third-party usage — Third-party code blocked the main thread for 150 ms
- Initial server response time was short — Root document took 150 ms
- Avoid large layout shifts — 1 layout shift found
- Avoids enormous network payloads — Total size was 2,030 KiB
- Avoids an excessive DOM size — 447 elements
- Avoid chaining critical requests — 5 chains found

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

54

89

79

100

100

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more about Google Search Essentials](#).

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Hide

☐ Structured data is valid

▼

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (8)

Show

NOT APPLICABLE (2)

Show

📅 Captured at Jan 22, 2025, 5:49 PM
GMT+5

🖥️ Emulated Moto G Power with Lighthouse
12.3.0

🔗 Single page session

🕒 Initial page load

🔌 Slow 4G throttling

🔗 Using Chromium 132.0.0.0 with cli

Generated by **Lighthouse 12.3.0** | [File an issue](#)