

Deployment Preparation and Staging Report

Project: LMS-QCommerce

Date: 25-1-2025

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1. Deployment Environment Setup

- ◆ **Hosting Provider:** Vercel (for seamless Next.js deployment)
 - ◆ **Database & CMS:** Sanity CMS (content & product management)
 - ◆ **Authentication:** Firebase Auth / NextAuth.js
 - ◆ **Payment Gateway:** Stripe / Razorpay
 - ◆ **Storage:** Firebase Storage (for user uploads, course materials)
 - ◆ **Environment Variables:** Securely stored in **Vercel's environment settings**
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2. Staging Environment Configuration

- ◆ **Staging URL:** <https://lms-omega-murex.vercel.app/>
- ◆ **Testing Database:** Connected to a separate Sanity dataset
- ◆ **API Endpoints:**
 - Sanity CMS API → Fetching course & product data
 - Next.js API Routes → Managing orders & reservations
 - Authentication API → User login & session handling
- ◆ **Testing Users Created:**
 - **Admin:** Full access to dashboards
 - **Instructor:** Can create & manage courses
 - **Student:** Can enroll in courses & purchase products

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GraphicDesign

Graphic design is the art and practice of combining text, images, and other visual elements to create a visual message.

★★★★★ 4.9

100% Positive

Digital Marketing

Digital marketing is the use of digital technologies to promote products or services.

★★★★★ 4.9

100% Positive



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What is SJ Developer Training Program?

SJTraining Program is Pakistan's first Online Training Program to empower the youth with skills that are in-demand in freelance market. It consists of multiple online skill-based training courses. The very unique feature of this program is that the course content has been designed specifically for a Pakistani audience in a mix of Urdu-English language.

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Why should I join this program?



Latest Performance Report for: <https://lms-omega-murex.vercel.app/>

Report generated: Fri, Feb 7, 2025 4:22 AM -0800
Test Server Location: Vancouver, Canada
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix Grade ?

A

Performance ?
100%

Structure ?
93%

Web Vitals ?

LCP ?
413ms

TBT ?
0ms

CLS ?
0.01