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FULL-STACK DRUPAL DEVELOPER



E-COMMERCE PROJECT: ONLINE EDUCATION PLATFORM

Project Overview

Migration and complete reconstruction of an educational platform from Drupal 7 to Drupal 9.

Technical Implementation

Migration & Architecture:

- Data migration using Migrate API, custom plugins
- Migration process via drush commands
- Data validation and cleanup

Commerce & Business Rules:

- Drupal Commerce with custom price resolvers
- Custom order types and checkout flows
- Migration from Rules to Business Rules
- Complex workflows and event subscribers

Custom Solutions:

- Booking System: custom entities, Google Calendar
- Reporting: data aggregation, exports, statistics
- User Management: Groups module, SSO

Performance:

- Redis caching, query optimization
- Asset optimization and CDN integration
- Database indexing for frequent queries

Results:

- 40% performance improvement
- 30% server load reduction
- Enhanced UX and maintainability