

Technical Achievements

15,000+

Lines of Code

15+

API Endpoints

25+

React Components

8+

Database Tables



Performance Metrics

2.8s

Page Load Time

180ms

API Response Time

99.9%

Upload Success Rate

95%

Email Delivery Rate

Challenges & Solutions

Challenge: CORS Issues

Frontend API calls failing due to cross-origin restrictions

Solution

Configured comprehensive CORS headers and preflight handling in PHP backend

Challenge: Large File Uploads

Files >50MB failing to upload, affecting content management

Solution

Implemented AWS S3 multipart upload with 5MB chunks and parallel processing

Challenge: Email Deliverability

Automated emails marked as spam (60% delivery rate)

Solution

Configured SPF records, DKIM signing, and TLS encryption (95% delivery rate)