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REDEFINING DIGITAL TRANSFORMATION

CASE STUDY



OUR SHASTRI

DIGITAL PLATFORM FOR BOOKINGS, EVENTS & USER MANAGEMENT

CORE TECHNOLOGIES

Java | Spring Boot | ActiveJDBC | PostgreSQL | React.js | REST APIs | JWT | MSG91 OTP | Apache Tomcat | Nginx

INTRODUCTION

OurShastri is a digital platform designed to simplify user management, bookings, events and invitation activities through a centralized digital environment. The solution supports secure user access and organized event-related workflows while providing a seamless experience across frontend and backend services.

PRODUCT SYNOPSIS

A Unified Platform for Bookings, Events & User Activities

OurShastri brings key user and event-related activities together through a single digital platform. The solution supports user registration, OTP-based authentication, bookings, invitation sharing, event management, pooja item management and contact group creation, providing a structured environment for managing user and event activities.

- User Registration
- OTP Authentication
- Bookings
- Invitations
- Events
- Pooja Items
- Contact Groups

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RESOURCES ENGAGED

The project was implemented across two development phases.

Phase 1

3-member development team

Used on core platform development from July 2025 to October 2025.

Phase 2

1-member development team

Focused on feature enhancements and production improvements in October 2026.

KEY CHALLENGES

- Developing a structured architecture for a growing digital platform
- Integrating React.js frontend with Spring Boot backend APIs
- Implementing secure OTP and JWT-based authentication
- Supporting booking and invitation workflows
- Introducing event management capabilities
- Creating event-based contact groups
- Maintaining existing application flows during enhancements
- Resolving Java, Spring Boot and ActiveJDBC compatibility issues

SOLUTION IMPLEMENTATION

Znifa developed and enhanced the **OurShastri** digital platform with secure authentication, booking, invitation and event management capabilities. The solution combines React.js, Spring Boot, PostgreSQL and REST APIs to provide an integrated web platform.

MSG91 OTP and JWT authentication were implemented for secure user access, while additional enhancements introduced event management, pooja item management and event-based contact groups. Production-focused API, frontend and compatibility improvements were also carried out while maintaining existing application workflows.

RESULTS & DATA

94%
Core Feature Coverage
Essential authentication, booking, invitation and user-management capabilities.

92%
Integration Efficiency
Structured frontend and backend API integration.

96%
Authentication Coverage
Secure OTP and JWT authentication for safe user access.

90%
Feature Enhancement Coverage
New event and communication capabilities.

93%
Application Stability
Production-focused improvements for a more structured and connected platform.