Infojini Web & Mobile Success Stories

CMMI level 3

Sul Ross State University CMS Development

https://www.sulross.edu/

CHALLENGES -

- Outdated website design and navigation, leading to poor user experience.
- Limited functionality for online applications and content updates.
- Lack of responsiveness on mobile devices.
- Inefficient communication and resource management

SOLUTIONS OFFERED -

- Designed and developed a user-friendly, mobile-responsive website tailored to the university's needs.
- Implemented an intuitive content management system (CMS) for streamlined updates by non-technical staff.

Integrated features such as:

- Online application portals for prospective students.
- Event management and academic calendars.
- Dedicated sections for faculty, alumni, and student resources.
- Accessibility standards compliance for a broader audience.
- Enhanced SEO strategies to improve online visibility and attract prospective students.

BENEFITS -

- Increase user engagement and satisfaction with a modern, responsive, and accessible design.
- Enhanced operational efficiency with streamlined content updates and resource sharing.
- Boosted online applications and in queries, contributing to enrollment growth.
- Accessibility Compliance: WCAG 2.1 standards for inclusivity.

Enhancing Digital Accessibility for West Virginia University Parkersburg

https://www.wvup.edu/

CHALLENGES –

- Limited functionality and outdated design hindered user engagement for students, faculty, and staff.
- Difficult navigation made accessing key resources and enrollment details cumbersome.
- Need to improve accessibility and ensure compliance with ADA standards.
- Lack of seamless experience across devices for mobile and desktop users.

SOLUTIONS OFFERED –

- **Functional Enhancements:** Introduced features like event calendars, student resources, and faculty tools to improve usability.
- **Information Architecture Overhaul:** Streamlined content organization to make academic programs, admissions, and campus resources more accessible.
- **Modern Visual Design:** Aligned the website's appearance with WVUP's branding to create a professional, appealing platform.
- **Responsive Development:** Implemented a mobile-friendly design for consistent user experience across devices.
- **Content Management System (CMS):** Built on a flexible CMS allowing staff to easily update and manage content.

BENEFITS -

- **Enhanced User Engagement:** Simplified navigation and new features improved interaction and user satisfaction.
- **Improved Accessibility:** Compliance with ADA standards expanded access for all users, including individuals with disabilities.
- **Operational Efficiency:** The CMS allowed staff to manage content updates efficiently without technical expertise.
- **Increased Visibility:** Modern design and improved SEO boosted online visibility and attracted more prospective students.
- **Mobile Usability:** Responsive design ensured seamless access on smartphones, tablets, and desktops.

ADA-Compliant and Accessible Website for Blue Ridge Community College

https://www.blueridgectc.edu/

CHALLENGES –

- Ensure the website is fully accessible and compliant with ADA standards to accommodate users with disabilities.
- Optimize the site for seamless browsing across a variety of devices, including mobile phones, tablets, laptops, and desktops.

SOLUTIONS OFFERED –

- **ADA Compliance:** C0nducted an accessibility audit using the SiteImprove tool and implemented improvements to meet ADA standards, including:
  - Enhanced text contrast for readability.
  - Added descriptive alternative text for images and videos.
  - Provided meaningful hyperlink titles and ensured keyboard navigation for forms.
- **Responsive Design:** Developed a mobile-responsive layout using Bootstrap, ensuring compatibility across all devices.
- **Content Management System:** Implemented WordPress CMS to simplify content updates and management by the BRCC staff.

BENEFITS -

- **Improved Accessibility:** Achieved ADA compliance, making the website inclusive for users with disabilities.
- **Enhanced User Experience:** Seamless functionality across devices increased engagement and satisfaction.
- **Operational Efficiency:** WordPress CMS allowed BRCC staff to update and manage website content independently.

Redesigning the Baltimore Metropolitan Council (BMC) Website

www.baltometro.org

CHALLENGES –

- Improve public awareness of and engagement with BMC and BRTB activities.
- Enhance accessibility and create a mobile-friendly website compatible with a variety of devices and browsers.
- Streamline website administration by organizing backend documents intuitively.
- Enable in-house staff to customize website design and components.
- Support public outreach through integrated tools for publications, events, and social media.
- Foster dialogue with stakeholders using social media integration and discussion platforms.

SOLUTIONS OFFERED –

Conducted a detailed review of the existing website and collaborated with BMC staff to gather comprehensive requirements.

Designed and implemented a modern, responsive website with improved navigation for a seamless user experience.

Organized backend document management within the CMS for easier administration.

Added robust search capabilities to allow users to quickly find publications and site content.

Developed a custom event calendar with daily, weekly, monthly, and yearly views.

Integrated MailChimp for efficient subscription management and public outreach initiatives.

Embedded social media feeds on the homepage to encourage user engagement.

Secured hosting on Amazon Cloud Services for reliable and scalable performance

BENEFITS –

Improved Public Outreach: The website became a central hub for distributing BMC and BRTB publications, event materials, and information.

Enhanced Engagement: Integration of social edia feeds and event calendars increased user interaction.

Higher Traffic: A 30% increase in page views and an average session time of 5 minutes reflected improved user interest and retention.

Streamlined Administration: Intuitive backend organization enabled in-house staff to manage content efficiently.

Accessibility and Usability: The mobile-friendly design ensured seamless access across devices and browsers.

THE SAN MATEO COUNTY FOSTER CONNECT APP

CHALLENGES INCLUDED -

- San Mateo County sought to enhance communication and resource accessibility for current and former foster youth and resource families
- Disseminating timely information about programs, events, and services
- Collecting feedback efficiently from the community
- Ensuring inclusivity for non-English speaking users
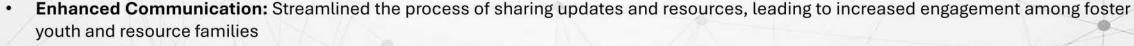- Providing a user-friendly platform accessible across various devices.

SOLUTION -

- Developed a cross-platform mobile application, **Foster Connect**, to serve as a centralized hub for resources and communication

Key features implemented:

- **Resource Access:** Easy navigation to programs, events, and newsletters relevant to foster youth and resource families
- **Administrative Interface:** A backend system enabling county staff to manage content, create survey forms, and broadcast them tap users seamlessly
- **Push Notifications:** Capability to send urgent and important messages directly to users, ensuring timely dissemination of information
- **Multilingual Support:** Added Spanish language support to cater to a diverse user base
- Conducted training sessions for county staff to effectively utilize the administrative interface and manage app content

BENEFITS -

- **Enhanced Communication:** Streamlined the process of sharing updates and resources, leading to increased engagement among foster youth and resource families
- **Improved Feedback Collection:** Simplified the distribution and collection of surveys, providing valuable insights for program improvement
- **Increased Accessibility:** The app's multilingual support and cross-platform availability made resources more accessible to a broader audience
- **Operational Efficiency:** Empowered county staff with tools to manage content and communications effectively, reducing administrative overhead
- **User Adoption:** Positive feedback from the community indicated a high adoption rate and satisfaction with the app's functionality and ease of use
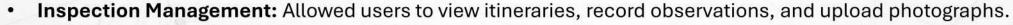
CHALLENGES INCLUDED -

- Need to capture and manage site inspection details efficiently.
- Enable users to upload observations, including photographs.
- Provide electronic signature functionality for inspection approvals.
- Ensure offline functionality for areas with no internet connectivity.
- Seamlessly integrate with the JCDH database for record submission.

SOLUTION -

Developed a cross-platform mobile app for Android and iOS.

- **Inspection Management:** Allowed users to view itineraries, record observations, and upload photographs.
- **Offline Functionality:** Implemented SQLite database for offline use and automatic sync when online.
- **Electronic Signatures:** Enabled secure digital signatures for inspection approvals.
- **Integration:** Linked with the JCDH database via REST API for real-time data submission.
- **Analytics:** Added Firebase Analytics to monitor app usage and user engagement.

BENEFITS –

- **Enhanced Efficiency:** Streamlined site inspections and reduced manual paperwork.
- **Offline Accessibility:** Users could perform tasks seamlessly in areas with no internet connectivity.
- **Improved Data Accuracy:** Automatic syncing ensured accurate record management.
- **Operational Insights:** Analytics provided valuable insights into app usage.
- **User Satisfaction:** Positive feedback on the app's ease of use and functionality.

CONTACT US

Infojini Inc.

Piyush Sadhu
AVP – Sales

📞 443-270-1367
✉ piyush.sadhu@infojiniconsulting.com
🌐 www.infojiniconsulting.com

📍 **MARYLAND** (HQ)
10015 Old Columbia Road,
Suite B 215 Columbia, MD 21046

AWARDS

Inc. 5000

FAST 100 Asian American Business
USPAACC

Washington Technology FAST50

SIA STAFFING INDUSTRY ANALYSTS | 2024 Best Staffing Firms to Work For