

Event labor and talent mobile scheduling tool

Automated Workforce Management Platform

About the client

Client is an event workforce management software company dedicated to helping companies manage their project-based, mobile talent – from electronic onboarding and document management, to scheduling, communication, time-tracking, spend forecasting, and more.

The platform and mobile application were created to tackle the unique challenges faced by companies when managing their on-demand and on-the-go workforce.

Client need

The client required industry expertise to design and create a cross-platform end-to-end labor workforce management tool. The application needed to organize, schedule, and communicate with contingent, project-based mobile talent and automatically fulfill roles based on the talent's registration profile.

Product challenges

A major challenge was designing a database and UI with pre-defined and dynamic event roles, creating corresponding registration and communication templates, and matching talent to those roles. Additional challenges were rate calculations with multiple variables, load balancing, and application performance.

The delaplex solution

delaplex quickly identified the business requirements to deliver a robust workforce management solution built with the latest technology. The new cloud-based platform and mobile app addresses the unique challenges faced by companies hiring independent workers for short-term engagements, and streamlines labor workflow by managing on-demand and on-the-go workforce. The app accommodates state-by-state rates, automated customer and talent registration and communications, and crew management details.



“ Thank you all for working so hard...

“You do excellent work and we appreciate what you've done. Thank you all for working so hard to make our release happen, it really couldn't have gone any better.”

CTO

WFM Software Company

How we did it

delaPlex utilized agile and process driven management along with the following tools to deliver a multi-platform, high performance workforce management application:

Dynamic Database

Utilized Spring Data JPA to improve the implementation of data access layers by reducing the effort to just the amount needed

User Interface

An intuitive UI/UX was created using Bootstrap and Thymeleaf to be very responsive on desktop, tablet, and mobile platforms

Mobile Development

Native mobile apps were developed for both Android using Android SDK and iPhone using Swift/Xcode

Cloud Asset Management

Integrated AWS S3 bucket for loading assets like JS, CSS, Images, etc.

Core stack



delaPlex is a global software development and business solutions provider helping companies drive growth, revenue and marketplace value. Our innovative business methodology has built an unmatched reputation of bringing an alliance of collaborative industry experts, across industries and skillsets, to clients anywhere around the world.



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