Case Study





Vehicle Parking Management



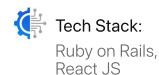
Team Composition:

4 Senior Engineers, 1 Project Manager, 2 QA Automation Engineers,



Project Duration:

1.4 years (Dedicated Team)



Project Overview

Pavemint is a Los Angeles-based **parking management software** that connects parking space owners with users seeking reservations for events or daily needs. With a user-friendly interface and tailored solutions, **Pavemint enhances convenience and efficiency in parking management**.

Business Challenges

- Develop a real-time parking management system for seamless event and daily operations.
- Build a scalable platform to handle demand surges during major events.
- Implement geolocation for finding nearby parking spots and real-time navigation.
- Design a dynamic pricing model based on demand, time, and event schedules.
- Ensure an intuitive web and mobile interface for quick search, booking, and payment.

Solutions Delivered

- Geo-tagging enabled users to locate nearby parking spots effortlessly.
- Developed a parking management system with Stripe payment integration.
- Created a user-friendly mobile app for booking and vacating parking spaces.
- Integrated QR functionality to streamline valet and event parking operations.

Results & Impact

- 3M+ Users Onboarded (Individuals & Organizations)
- 80% Reduction in Processing Time
- 70% Increase in Booking Accuracy
- 98% Increase in Customer Satisfaction
- Seamless Scalability to Manage Demand Surges

Conclusion

 Techverx empowered Pavemint with a scalable, secure, and user-friendly platform that revolutionized parking management, enhancing operational efficiency and customer satisfaction.

www.techverx.com info@techverx.com