



DEVELOPED A CENTRALIZED REPORTING SOLUTION FOR THE LARGEST AUTOMOTIVE RETAIL SOFTWARE SOLUTIONS PROVIDER

ABOUT THE CLIENT:

- Largest web-based software and data solutions provider for automotive retail industry
- Serves more than 40,000 auto dealer clients across five continents
- Operates industry's largest online credit application network and supports title administration process for banks, credit unions, and financial institutions
- Simplifies the trusted exchange and mobility of vehicles and maximizes value for dealers, manufacturers and car shoppers via technology, market intelligence, and products & services

BUSINESS NEEDS:

- Design an integrated reporting dashboard application to derive real-time reports for multiple products
- Develop dashboard for sales insights and to drill down for granular level of detailing
- Implement key automations ensuring right KPIs and metrics are available for monitoring and tracking
- Regulate report creation by implementing a standard approach for addressing different personas

SOLUTIONS:



- Developed a **reporting platform** that draws data and provides insights through multiple dealership products
- Generated **near real-time dashboards** to help trace profitability at regular time periods in the Executive, Sales, Finance, Service, and Inventory departments
- Provided **feature flags (Shift Right approach)** based development to test the implementation in production without impacting existing users
- Conceptualized and implemented an **API-first based retail platform** for better revenue and integration with different brands
- Performed streamlined **beta testing** with sets of dealers

TECHNOLOGY STACK

	ALM	Infrastructure	Logging and monitoring	CI/CD	Testing
Front End					
BFF					
Data Store					

BUSINESS IMPACT

- End-to-end CI/CD implementation with tools integration for **better quality, predictability, and speed**
- Customized dashboards to display the key performance indicators (KPI) and metrics for **effective monitoring and tracking**
- Better **accuracy, insights, predictions and results**
- API-first approach** for the platform
- Swagger-based documentation** available for consumers

Cybage Hi-Tech

- Automotive Retail
- Customer Experience & Market Research
- Digital Security
- Enterprise Workflow Solutions & Rules Engine
- Software Tools & Platforms
- Social & Collaboration Platforms
- Human Resource Management Systems

Engineering Next-Gen reporting platform for Automotive Retail solutions

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