



## Facilitated the migration to a flexible AWS Cloud architecture for a leading provider of EHR and medical billing software solutions

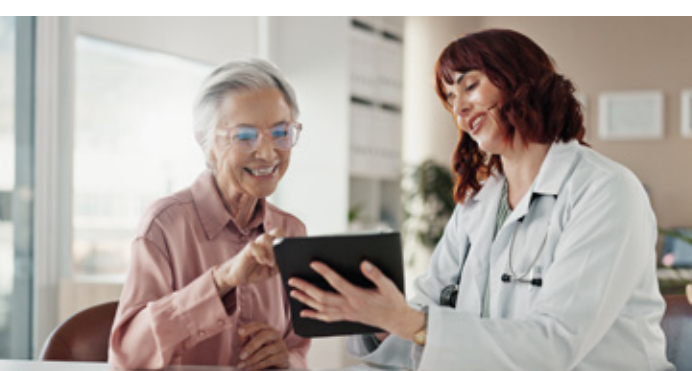

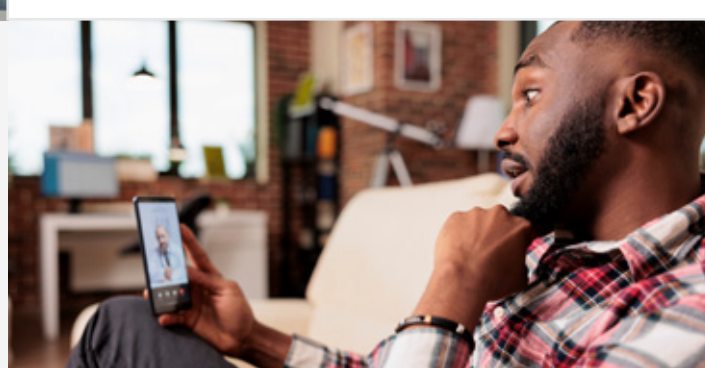



### About the Client

Offers tailored cutting-edge Electronic Health Record (EHR) and medical billing software solutions for medical practices of all sizes, focusing majorly on therapy practices	01	03	Helps healthcare providers streamline operations, improve patient care, and boost efficiency by automating tasks such as scheduling, billing, and documentation
Holds expertise in providing a comprehensive healthcare IT solution for practices such as physical therapy, occupational therapy, speech-language therapy, and multi-disciplinary therapy	02	04	Strives to improve the efficiency of healthcare practices to enhance their productivity and patient outcomes

### Business Needs

Enhance user experience and accessibility across the entire system	Drive higher user engagement, satisfaction, and health literacy by promoting seamless interactions between patients and healthcare providers
Incorporate key features, including intuitive navigation, consistent design, and personalized health information display, into the platform	Transition from the current limited legacy system to an advanced ecosystem that provides effortless scalability and easy manageability

### Solutions

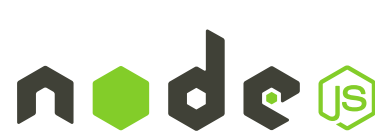
Gain insights into the end user's needs through competitive research and analysis		Facilitate migration to a flexible AWS cloud architecture with reusable components to reduce maintenance complexity and increase scalability
	Develop an intuitive, sophisticated, and interactive interface to display unified customer data	
Design and deploy a microservices-based solution		Manage the process of importing patient visits, diagnosis, and history data for end clients
	Drive the enhancement, optimization, and validation of tasks as per customer needs	

### Technology Stack

#### Old Tech Stack :



#### New Tech Stack :



### Business Impact

- 01 **Enhanced UI/UX with a stable web and mobile application** supported by scalable AWS infrastructure
- 02 **Enabled seamless physician connectivity through EMR**, leveraging the existing user interface and integrating with other EMRs for smooth healthcare information exchange
- 03 **Increased scalability** to serve concurrent requests
- 04 **Boosted user engagement, satisfaction, and health literacy**, resulting in a more seamless interaction between patients and healthcare providers

## Cybage Healthcare and Life Sciences



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