IoMT (Wearables) Integration & Physiology Monitoring

3+ | Years of relationship

Business Problems

- Client is a leading European wearable physiology monitoring company who wants to build a platform to **monitor patients real-time vital signs readings**

- Remote patient monitoring for personalized care

- Help clinicians in monitoring real-time vital signs and symptoms. Enable **early interventions** for better outcomes

- **Integrated solutions** which can connect different hardware, along with **value added data analytics solutions**

CitiusTech Solution(s) & Value Delivered

- CitiusTech contributed to **architecture, design and development of platform components** keeping performance and data volume in mind

- Created **Power BI reports and alerts** for offline patient health monitoring

- Developed the **scalable platform** given its expertise in healthcare and cloud technologies

- Design and implement the **data pipeline and APIs for user and device management**

- **Data ingestion pipeline using IoT** to stream data like signals, sensors, Batteries etc. from device over MQTT protocol to cloud store

- Implement **access management endpoints**

- Real-time display of **health data graphs on portals and analytics** in future phases

Cloud hosted real-time device *for data streaming and processing platform*

IoT and sensors, streaming data ingestion, analytics and visualization

Power BI reports and alerts

100% *Real time vital signs monitoring*

Powering the Future of Healthcare ▶

CitiusTech