LinkedIn is networking without the pressure of having to wear a name tag, meet strangers and awkwardly attempt a small talk for introduction, writes Ms. Melaine Pinalo. This is exactly how I was connected to Prof. Chintan Bhatt. Holding similar research interests, it is my pleasure to introduce his new work titled “Cloud Computing Systems and Applications in Healthcare”. The book comes to publishing in the interesting digital era of intelligent computing & data driven information architecture where current health care decision makers around the globe are looking for guidance regarding evaluating cloud computing offerings. In the past from working with pharmacy companies in cloud migration projects, I personally have observed the key acceleration factor for cloud adoption in health care industry is widely influenced by achievements the early adopters showcase and claim. On those chords, I believe the book has interesting case studies and lessons learnt to offer from the practitioner’s perspective.

Prof. Chintan Bhatt is an academician with numerous publication to add to his accolades. He has chaired and hosted conferences related to cloud computing, knowledge engineering and internet of things. His wisdom and approach has influenced well in pulling such related case studies into a book. Dr. Sateesh is a famous academician in the areas of cloud computing, mobile systems, computer networking and operating systems. He has served as editor, expert committee member and as part of board of studies.

On demand access of cloud is a popular enterprising model for compute resources in an effective new paradigm that helps organizations achieve operational efficiency in a lucrative business context. This book discusses such computational requirements from a medical solution perspective by elaborating on storage, infrastructural, sensor, integration and architectural needs. The book discusses aspects of service level agreements and specific management service dashboards as demanded by healthcare. Specific treatment based case studies regarding how cloud computing offerings were utilized in diabetic cure, cancer cure and medical imaging would be of interest for practitioners looking forward to build new prototypes and systems targeting specific illness or medical domains.
Managing integrated storage when it comes to electronic patient record is becoming the new norm for the healthcare industry. The book provided insights regarding new ways of information processing that is possible from these collected patient health records discussing possibilities of scalable sharing platforms. Innovative analytics based on the preserved big data that will help medical diagnostics are highlighted. Also information security and data privacy aspects that are to be excised during such cloud adoption are being elaborated in details. Secured transmission protocols such as crypto watermarking are being discussed in the context of medical data transmission. A neuro-fuzzy architecture for determining nutrient requirements is also presented and analyzed for benefits.

I wish them best for their book written in pursuit of capturing contextual knowledge of applying cloud computing solutions in healthcare industry.

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