Cloud Computing Systems and Applications in Healthcare

Part of the Advances in Healthcare Information Systems and Administration Book Series

Chintan Bhatt (Charotar University of Science & Technology, India) and S. K. Peddoju (Indian Institute of Technology Roorkee, India)

Description:

The implementation of cloud technologies in healthcare is paving the way to more effective patient care and management for medical professionals around the world. As more facilities start to integrate cloud computing into their healthcare systems, it is imperative to examine the emergent trends and innovations in the field.

**Cloud Computing Systems and Applications in Healthcare** features innovative research on the impact that cloud technology has on patient care, disease management, and the efficiency of various medical systems. Highlights the challenges and difficulties in implementing cloud technology into the healthcare field.

Readers:

This publication is a critical reference source for academicians, technology designers, engineers, professionals, analysts, and graduate students.


**Topics Covered:**

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- Big Data Analytics
- Crypto-Watermarking System
- Data Security
- Data Sharing
- Neuro-Fuzzy Systems
- Wireless Infrastructure

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Prof. Chintan Bhatt (Ph.D.*) is currently working as an Assistant Professor in Computer Engineering department, Chandubhai S. Patel Institute of Technology, CHARUSAT. He is a member of IEEE, EAI, ACM, CSI, AIFRC (Academy & Industry Research Collaboration Center) and IAENG (International Association of Engineers). His areas of interest include Internet of Things, Data Mining, Web Mining, Networking, Security Mobile Computing, Big Data and Software Engineering. He has more than 5 years of teaching experience and research experience, having good teaching and research interests. He has chaired a track in CSNT 2015 and ITCSC 2014. He has been working as Reviewer in Wireless Communications, IEEE (Impact Factor-6.524) and Internet of Things Journal, IEEE, Knowledge-Based Systems, Elsevier (Impact Factor-2.9) Applied Computing and Informatics, Elsevier and Mobile Networks and Applications, Springer. He has an expert talk on “Internet of Things” at Broadcast Engineering Society Doordarshan, Ahmedabad on 30/03/2015. He has been awarded faculty with maximum publication in CSIC Award and Paper Presenter Award at International Conference in CSI2015, held at New Delhi.

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