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Nota di contenuto	Intro -- Preface -- Acknowledgment -- Contents -- About the Authors -- Part I: IoT -Foundations, Architectures &amp -- Smart Services -- Internet of Things: Basic Concepts and Decorum of Smart Services -- 1 Introduction -- 1.1 Level of IoT -- 1.2 Discussion of Major Components for IoT-Based Smart Farming -- 2 IoT's Role in Application -- 2.1 WSNs -- 2.2 Characteristics of the Wireless Sensor Network -- 2.3 Wireless Architecture -- 2.4 Network Topology Construction Phase with Efficient Processing -- 2.5 IoT Agricultural Network Architecture -- 3 Cloud and Fog Infrastructure for Data Security -- 4 COVID Handling Using IoT -- 5 Conclusion -- References -- IoT Framework, Architecture Services, Platforms, and Reference Models -- 1 Introduction -- 1.1 Definitions -- 1.2 IoT Technologies -- 1.2.1 Radio-Frequency Identification (RFID) -- 1.2.2 Internet Protocol (IP) -- 1.2.3 Electronic Product Code (EPC) -- 1.2.4 Barcode -- 1.2.5 Wireless Fidelity -- 1.2.6 Bluetooth -- 1.2.7 Zigbee -- 1.2.8 Near Field Communication (NFC) -- 1.2.9 Wireless Sensor Networks (WSN) -- 1.3 IoT Framework -- 1.4 IoT Architecture -- 1.4.1 Four Stages of IoT Architecture -- 1.4.2 Basic IoT Architecture -- 1.4.3 Three-Layered Architecture -- 1.4.4 Four-Layered Architecture -- 1.4.5 Five-Layered Architecture -- 1.4.6 European FP7 Research Project -- 1.4.7 ITU Architecture and IoT Forum Architecture -- 1.4.8 Qian Xiao Cong,

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