



IoT, AI, and Blockchain for .NET

Building a Next-Generation
Application from the Ground Up

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IoT, AI, and Blockchain for .NET: Building a Next-Generation Application from the Ground Up



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Create applications using Industry 4.0 and AI 2.0 Develop real-time period solutions using IoT in Azure Bring the clever capabilities of AI 2. Hosted on Azure and networked using Azure IoT, the perfect solution is includes centralized individual monitoring, using Cognitive Services APIs for face detection, recognition, and tracking. Machine learning can be used to generate predictive solutions to proactively improve quality of life. an IoT suite for a good healthcare facility. As you work through the reserve, you' Blockchain is used to create trust-based security and inventory administration. Il get hands-on experience building a good example solution that uses most of these technologies— By the finish of the reserve, you'll end up being confident creating richer and smarter applications using these systems. What You'll Learn Know the systems underpinning Industry 4. Discover how artificial cleverness (AI) and machine learning (ML) capabilities could be enhanced using the Internet of issues (IoT) and secured using Blockchain, which means that your latest app could be not just smarter but also even more connected and better than previously. This book covers the most recent easy-to-use APIs and solutions from Microsoft, including Azure IoT, Cognitive Solutions APIs, Blockchain as something (BaaS), and Machine Learning Studio. 0 into your application using a simple API call Host and manage your answer on Azure Understand Blockchain as a Service Capture and analyze data on the fly Make predictions using existing data Who This Book Is For Novice and intermediate .NET developers and architects who would like to learn what it takes to create a modern or next-generation application



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