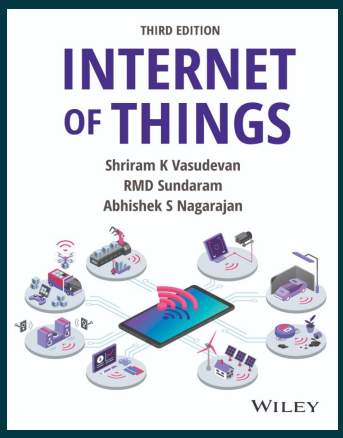
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Internet of Things, 3ed

By Shriram K Vasudevan, RMD Sundaram, Abhishek S Nagarajan

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Description

The third edition of Internet of Things builds on foundational concepts while incorporating the latest advancements in the field. It expands coverage on sensors, microcontrollers, and communication protocols, including IPv6. New topics such as digital twins, OpenVINO, and the integration of AI/ML in IoT systems are introduced. A dedicated chapter on emerging trends explores innovations like quantum computing, autonomous vehicles, and drones. The edition also enhances discussions on IoT applications, challenges, and machine learning models, making it a comprehensive and up-to-date resource for learners and professionals.

About the Author

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Dr. Shriram Vasudevan is a distinguished Technology Leader at Intel, boasting over 17 years of experience across both industry and academia. Holding a Doctorate in Embedded Systems, he has made remarkable contributions to technology, research and education. His passion for innovation is evident in his extensive body of work, including 47 authored books published by esteemed publishers such as Taylor & Francis, Wiley and Oxford University Press.

Dr. Shriram’s influence extends to public speaking, where he is a TEDx speaker and an ACM Distinguished Speaker, inspiring audiences globally. As a TOP AI Evangelist, he actively shares cutting-edge insights, fostering a strong tech community. His passion for education is further reflected in his 51K+ YouTube subscribers, where he continues to empower aspiring technologists and researchers.

R. M. D. Sundaram is a Software Architect at Wipro Limited in Italy, with over 20 years of experience in embedded software design and development. He has contributed to the software architecture and development of numerous products currently in use, such as infotainment systems, Android-based smartphones and tablets, 4G LTE and 5G modems, set-top boxes and IoT devices. Sundaram holds an MTech in Computer Vision and Image Processing.

Abhishek S Nagarajan is working as a Data Scientist III in [24]7.ai in Bangalore. He is involved in projects focusing on Data Science and AI, with a particular interest in designing practical solutions that utilise data and AI. Recently, he has been working on campaign management models, while his previous experiences included augmented reality and AI-powered computer vision visual aids. He has authored six books on various fields of computer science and published over 10 papers in reputable journals worldwide.

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