

# Mobile Application Development, Usability, and Security

Part of the Advances in Multimedia and Interactive Technologies Book Series

Sougata Mukherjea (IBM, India)

## Description:

The development of mobile technology has experienced exponential growth in recent years. Mobile devices are ubiquitous in modern society, impacting both our personal and professional lives.

**Mobile Application Development, Usability, and Security** provides a thorough overview on the different facets of mobile technology management and its integration into modern society. Highlights issues related to analytics, cloud computing, and different types of application development.



## Readers:

This book is a pivotal reference source for professionals, researchers, upper-level students, and practitioners actively involved in the area of mobile computing.

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## Topics Covered:

- Access Control
- Adaptive Trust Negotiation
- Application Testing
- Context-Aware Mobile Platforms
- Location Tracking
- Machine Learning
- User Analytics

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Sougata Mukherjea is currently the Program Director of Hybrid Integration Solutions in IBM Global Technology Services. Prior to that he was the head of the Telecom & Mobile Research department in IBM India Research Lab. His research interests include Middleware technologies and its applications to Mobile, Analytics and Visualization. He has several patents as well as multiple publications in reputed Computer Science conferences and journals in these research areas. His group has developed many innovative technologies in the Telecom and Mobile domain some of which have been integrated into IBM products or licensed to customers. Sougata has been awarded an IBM Outstanding Technical Achievement award for his work in the area of Network Analytics. Sougata received his Ph.D. from Georgia Institute of Technology, USA in Computer Science. Prior to joining IBM Sougata worked in Research & Development for several companies in the Silicon Valley (California) including NEC Research, Inktomi and BEA Systems.