WILEY

Composing Mobile Apps

Learn | Explore | Apply *using* Android™

by Anubhav Pradhan • Anil V Deshpande

Key Features

- Classifies mobility space and outlines mobile app development approaches and technologies.
- Identifies mobile app development challenges and illustrates tenets of a winning app.
- Implements a live mobile app demonstrating app development from inception to publishing.
- Delves into designing app user interface that can adapt to multiple screen densities and form factors.
- Describes design and implementation of long running tasks in an app.
- Defines mechanisms to respond to device events in an app.
- Illustrates management of native and enterprise data in an app.
- Explores usage of graphics, animation capabilities.
- Combine, design and implementation of media playback, capture and storage in an app.
- Outlines techniques to incorporate location awareness in an app.
- Demonstrates usage of motion, position and environment sensors in an app.
- Unfolds app testing landscape.
- Discusses strategies and best practices for publishing an app.

The accompanying CD contains

- Step-by-step code to create a LIVE APP
- Deployment guide
- Chapter wise code snippets

About the Authors

Anubhav Pradhan heads the mobility academy at Infosys Limited that caters to diversified competency development requirements across a wide spectrum of mobile technologies.

Anil V Deshpande is a senior member of the Mobility academy at Infosys Limited, and has been responsible for providing consultancy to delivery teams on mobile apps development and validation.

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About The Book

Composing Mobile Apps attempts to present various mobile app development approaches and technologies along with required hands-on knowledge to deal with the nitty-gritties of designing, developing, validating, packaging and publishing them. A live mobile app has been built incrementally throughout the book using Android.

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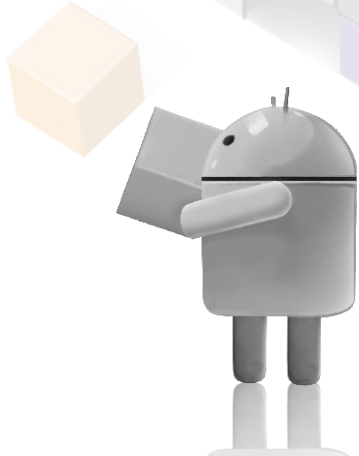

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Wiley India Pvt. Ltd.

HEAD OFFICE: 4435-36/7, Ansari Road, Daryaganj, New Delhi-110002.
Tel: 91-11-43630000 Fax: 91-11-23275895. Email: csupport@wiley.com
BANGALORE: Tel: 080-42896464. Telefax: 080-23124319. Email: blrsales@wiley.com
MUMBAI: Tel: 022-27889263, 27889272. Telefax: 022-27889263. Email: mumsales@wiley.com

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