Building Reliable Next-Generation Mobile and Cloud Applications

Microsoft Faculty Summit, 2016
Context

Ensuring reliability is hard

- Uncontrolled “wild” runtime (network, user actions, ...)
- Wide variety of hardwares
- Asynchronous, distributed
- Unique faults
- Complex configuration
- Not many easy-to-use tools
Speakers

• Mayur Naik, Georgia Institute of Technology

• Lenin Ravindranath Sivalingam, Microsoft Research

• Junfeng Yang, Columbia University