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# Bikash Panda

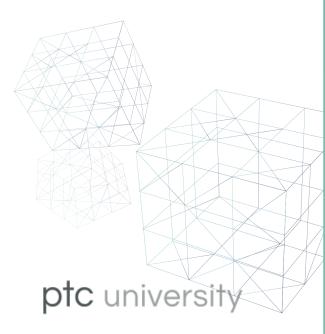
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## ThingWorx Foundations

a comprehensive ThingWorx developer online curriculum

Dr. Ayora Berry VP, PTC University





### IoT Skills Learned in ThingWorx Foundations

#### Fundamentals of IoT Development with ThingWorx

- IoT use case development
- Data architecture strategy
- Implement architecture for managing IoT devices and systems
- Agents, clients and edge communication fundamentals
- REST API connectivity
- Basic application UI development with Mashups

#### IoT Modeling with ThingWorx

- User-centered solution design
- · Permissions, organizations, and user groups fundamentals
- Modeling patterns and strategies
- Data structures
- Events and subscriptions
- Wrapped JavaScript services

#### IoT UI Development with ThingWorx

- User interface low fidelity prototyping
- Application UI design principles
- Static and Responsive design fundamentals
- Dynamically pull data into applications
- UI feedback and error prevention methods
- Assign users and roles to applications



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