Certified Wireless IoT Integration Professional

Zetlan Technologies

Online Course

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Course Modules

1. **Wireless IoT higher layer protocols**
   - MQTT, CoAP, DDS, and AMQP
   - Udrstdg the higher layer protocols used in wireless IoT integratn
   - Characteristics and differences of popular wireless IoT protocols
   - Understandg the app scenarios and use cases for each protocol.

2. **Security Solutions used within IoT integration Pro**
   - Security challnges & risks associatd with IoT integration projects.
   - Security solns & protocols used to secure IoT integratn projects.
   - Encryption, authentication ctrl in securg IoT integration projects.

3. **Database systems and the role they play**
   - Database systems and the role they play in integration projects
   - The role of database systems in IoT integration projects.
   - Characteristics and differences of popular database systems
   - Understanding the application scenarios and use cases

4. **Systems development using APIs programming**
   - Systems development using APIs, programming, and libraries
   - Role of APIs, programming, and libraries in IoT integration prjcts.
   - Diff programming languages used for IoT integration projects.
   - Importance of system design, testing, and documentation

5. **Python programming fundamentals**
   - Understanding the basics of Python programming language.
   - Features and characteristics of Python programming language.
   - Understanding the syntax, control structures, & data types

6. **IoT libraries available for Python**
   - Understanding the different IoT libraries available for Python.
   - Characteristics and differences of popular IoT libraries
   - Understanding the application scenarios and use cases

7. Solid requirements engineering skills

- Importance of requirements engineering in IoT integrtn projects.
- Identifying the different stages of requirements engineering.
- Importance of stakeholder analysis, scope definition, & rqurmnts

8. Implementation, monitoring and maintenance

- Implementation, monitoring, and maintenance best practices
- Best practices for implmntg, monitoring IoT integration projects.
- Identifying the different tools and techniques
- Importance of regular updates, &backups in IoT intgrtn projects.

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in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.

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