Mindluster Platform

About the course Rest API and microservices for beginners

Course Presenter : SDET QA

This comprehensive online course introduces beginners to the fundamental concepts of REST APIs and microservices architecture within the field of Computer Science. Designed for aspiring developers and IT professionals in the Middle East, this training course provides essential skills to build scalable and efficient software solutions. By mastering these core technologies, you will enhance your professional profile and open doors to new career opportunities in the rapidly evolving tech industry. Throughout this course, you will learn how to design, develop, and deploy RESTful APIs that enable seamless communication between software components. You will also explore the principles of microservices architecture, gaining insights into building modular and maintainable applications. Our practical approach ensures that you can apply your knowledge immediately to real-world projects, boosting your confidence and competence in software development. What you will learn: - Fundamentals of REST API design and implementation - Best practices for developing secure and scalable APIs - Microservices architecture principles and benefits - How to break down monolithic applications into microservices - Deployment and management of microservices in cloud environments - Essential tools and frameworks used in modern API and microservices development - Testing and debugging techniques for robust application performance This course is ideal for software developers, IT professionals, and students seeking to expand their expertise in Computer Science. Whether you are starting your career or looking to upgrade your professional skills, this training course offers valuable insights and practical skills to accelerate your growth. Why choose this course on our platform: - Expert-led instruction tailored for beginners - Interactive lessons with practical exercises - Access to a supportive learning community - Recognized certification upon completion to showcase your skills - Flexible online format designed for busy schedules Completing this certified course will empower you with the knowledge and skills required to pursue roles such as API Developer, Microservices Architect, or Software Engineer. The certification adds credibility to your professional profile and helps you stand out in competitive job markets across Saudi Arabia, UAE, and the broader Middle East region. Invest in your future today by enrolling in this trusted online training course. Gain the technical expertise needed for career growth and stay ahead in the fast-paced world of Computer Science and software development. SDET QA

Computer Science Category's Courses

Course Lesson(14)

Lesson 1 : **Part 1 Rest API Microservices Monolithic Vs Microservices**

Lesson 2 : **Part 2 Rest API Microservices How To Setup SpringBoot Project in Eclipse IntelliJ**

Lesson 3 : **Part 3 Rest API Microservices How To Create Rest Service to handle CRUD Operations**

Lesson 4 :
Part 4 Rest API Microservices How To Create Rest API Microservice using SpringBoot HashMap

Lesson 5 :
Part 5 Rest API Microservices How To Create Rest API Microservice using SpringBoot HashMap

Lesson 6 :
Part 6 Rest API Microservices How To Create Rest API Microservice using SpringBoot JPA MySQL

Lesson 7 :
Part 7 Rest API Microservices How To Create Rest API Microservice using SpringBoot JPA MySQL

Lesson 8 : **Part 8 Rest API Microservices Microservices Testing using Spring Boot JUnit5 Mockito**

Lesson 9 : **Part 9 Rest API Microservices Microservices Testing using Spring Boot JUnit5 Mockito**

Lesson 10 :

Part 10 Rest API Microservices Microservices Unit Testing using Spring Boot JUnit5 Mockito

Lesson 11 :
Part 11 Rest API Microservices Microservices Unit Testing using Spring Boot JUnit5 Mockito

Lesson 12 :
Part 12 Rest API Microservices Microservices Testing using Spring Boot JUnit5 Mockito MockMvc

Lesson 13 :
Part 13 Rest API Microservices H2 Database Mock Database for Unit Integration Testing

Lesson 14 :
Part 14 Rest API Microservices Integration Testing Spring Boot JUnit5 H2 Database RestTemplate

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for Business Contact
business@mindluster.com