



This document certifies that

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Successfully passed the IBM Academic Certificate exam and earned the title

**Application Security Specialist with IBM  
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A handwritten signature in black ink, appearing to read 'Takreem'.

**Takreem El-Tohamy**  
General Manager  
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A handwritten signature in black ink, appearing to read 'Dr. Naguib Attia'.

**Dr Naguib Attia**  
Chief Technology Officer  
IBM Middle East and Africa