

## ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	INTRO TO INFORMATION SECURITY	DATE:	12-06-2020

### SCREENSHOT:

The screenshot shows the Great Learning Learning Management System (LMS) interface. On the left, there is a sidebar with a 'Content' section and a 'Learning Material' list. The 'Learning Material' list includes items like 'Intro to Stanford and Computer Security Field', 'Computer Security - Its applications and its future', 'Innovations in Cybersecurity - Quantum Computing', 'What is the future of cryptography?', 'Introduction to Software Security Lesson 1', and 'Introduction to Software Security Lesson 2'. The main content area displays a PowerPoint slide titled 'Client-Server Architecture'. The slide shows a diagram of a client-server architecture with a central server and multiple clients. The text on the slide explains that a client-server architecture is a computing model in which the server hosts, delivers, and manages most of the resources and services to be consumed by the client. The slide also mentions that this type of architecture has one or more client computers connected to a central server over a network or internet connection. The slide is part of a presentation by Stanford Center for Professional Development, delivered and supported by Great Learning.

### BRIEF REPORT: (POINT-WISE)

- 1). The client-server architecture and how connection is established and data is transferred between them and client state, client state manipulation and how to stop client state manipulation attack.
- 2). SQL injection and their types such as: bypass authentication injection, union-based injection, error based sql injection and blind sql injection and how to prevent sql injection.
- 3). Password security which includes securing password techniques: hashing and salting, password-based attack: offline dictionary attack & online dictionary attack and additional password securing techniques: filtering, honeypots, OTP, etc.