Concept	for?	Node.js is a run-time JavaScript environment built on top of Chrome's VB engine. It uses an event-driven, non-blocking I/O model. It is lightweight and so efficient. Node.js has a package ecosystem called npm. Node.js can be used to build different types of applications such as web application, real-time chat application, REST API server etc. However, it is mainly used to build network programs like web servers, similar to PHP, Java, or ASP.NET. Node.js was developed by Ryan Dahl in 2009.									
	What is Event-driven programming?	Event-driven programming is building our application based on and respond to events. When an event occurs, like click or keypress, we are running a callback function which is registered to the element for that event.									
	What is Event loop in Node.js work? And How does it work?	The Event loop handles all async callbacks. Node.js (or JavaScript) is a single-threaded, event-driven language. This means that we can attach listeners to events, and when a said event fires, the listener executes the callback we provided. Whenever we are call setTimeout, http.get and fs.readfile, Node.js runs this operations and further continue to run other code without waiting for the output. When the operation is finished, it receives the output and runs our callback function. So all the callback functions are queued in an loop, and will run one-by-one when the response has been received.									
	What is the difference between Asynchronous and Non-blocking?	Asynchronous literally means not synchronous. We are making HTTP requests which are asynchronous, means we are not vaiting for the server response. We continue with other block and respond to the server response when we received. The term Non-Blocking is widely used with 10. For example non-blocking read/write calls return with whatever they can do and expect caller to execute the call again. Read will wait until it has some data and put calling thread to sleep.									
	Explain callback in Node.js.	A callback function is called after a given task. It allows other code to be run in the meantime and prevents any blocking. Being an asynchronous platform, Node.js heavily relies on callback. All APIs of Node are written to support callbacks.									
	What are the different types of HTTP requests?	Http defines a set of request methods used to perform desired actions. The request methods include: GET: Used to retrieve the data									
		POST: Generally used to make a change in state or reactions on the server									
		HEAD: Similar to the GET method, but asks for the response without the response body DELETE: Used to delete the predetermined resource									
	Explain the concept of middleware in Node.js.	Middleware is a function that receives the request and response objects. Most tasks that the middleware functions perform are:									
		Execute any type of code Update or modify the request and the response objects Finish the request-response cycle Invoke the next middleware in the stack									
Architecture	What is an error-first callback?	Error-first callbacks are used to pass errors and data as well. You have to pass the error as the first parameter, and it has to be checked to see if something went wrong. Additional arguments are used to pass data.									
	How can you avoid callback hells?	There are lots of ways to solve the issue of callback hells:									
		modularization: break callbacks into independent functions use a control flow library, like async use generators with Promises use async/await									
	How can you secure your HTTP cookies against XSS attacks?	XSS occurs when the attacker injects executable JavaScript code into the HTML response.									
		To mitigate these attacks, you have to set flags on the set-cookie HTTP header:									
		HttpOnly - this attribute is used to help prevent attacks such as cross-site scripting since it does not allow the cookie to be accessed via JavaScript. secure - this attribute tells the browser to only send the cookie if the request is being sent over HTTPS. So it would look something like this: Set-Cookie: sid=ccookie-value); HttpOnly. If you are using Express, with express-cookie session, it is working by default.	Flutter, AEM, Rea	act Js, Bootstrap,	Big Data gg cloud platform,	Sitecore, .net, EP, Mag	ento, Wordpress,	Drupal, Katalon (a	a Đạt), functional te	esting skills, Devo	ps (Aws)
Technique	What is the Express.js package?	Express is a flexible Node.js web application framework that provides a wide set of features to develop both web and mobile applications									
	How do you create a simple Express.js application?	Set of reactives to develop out the did mount appreciations									

Challenges							