**GIT and General CI/CD**

1. What is rollback?

A rollback returns software to a previous version

1. Tell me about CI/CD and how you have used them in projects

Continuous Integration and Continuous Delivery (CICD) are terms used to describe a process where multiple changes are made to a codebase simultaneously

Github uses this. It’s for collaboration on projects.

<https://about.gitlab.com/topics/ci-cd/>

1. GIT command lines

<https://confluence.atlassian.com/bitbucketserver/basic-git-commands-776639767.html>

* 1. Initial setup on a machine:
     1. git config -global user.name “[name]”
     2. git config -global user.email “[email address]”
  2. Adding Github repo locally
     1. git clone [URL of repo]
  3. Fetching latest
     1. git pull
  4. Adding/changing
     1. git add [file/directory]
     2. git commit -m “Message”
     3. git push

**Angular**

1. What are arrow functions in Angular?

Fat arrow notations are used for anonymous functions i.e for function expressions. They are also called lambda functions in other languages. Using fat arrow =>, we dropped the need to use the function keyword. Parameters are passed in the parenthesis (), and the function expression is enclosed within the curly brackets { }

1. What are modules in Angular?

In Angular, a module is a mechanism to group components, directives, pipes and services that are related, in such a way that can be combined with other modules to create an application.

An Angular application can be thought of as a puzzle where each piece (or each module) is needed to be able to see the full picture

1. What are services in Angular?

Simply put, services in Angular let you define code or functionalities that are then accessible and reusable in many other components in your Angular project

Services help you with the abstraction of logic and data that is hosted independently but can be shared across other components

1. What are observables in Angular?

Observable in Angular is a feature that provides support for delivering messages between different parts of your single-page application.

This feature is frequently used in Angular because it is responsible for handling multiple values, asynchronous programming in Javascript, and also event handling processes.

1. What are the names of components in Angular?
   * An HTML template that declares what renders on the page
   * A TypeScript class that defines behavior
   * A CSS selector that defines how the component is used in a template
   * Optionally, CSS styles applied to the template

<https://angular.io/guide/component-overview>

1. What is the name of things like nglf/ngFor/ngSwitch?
   * nglf –
     1. A structural directive that conditionally includes a template based on the value of an expression coerced to Boolean.
     2. When the expression evaluates to true, Angular renders the template provided in a then clause, and when false or null, Angular renders the template provided in an optional else clause.
     3. The default template for the else clause is blank.
   * nfFor –
     1. The core directive ngFor allows us to build data presentation lists and tables in our HTML templates.
   * The [ngSwitch] directive on a container specifies an expression to match against.
     1. The expressions to match are provided by ngSwitchCase directives on views within the container.

<https://angular.io/>

**Personal**

1. Tell me about yourself
2. Have you tested in Angular, and how?
3. How did you communicate with database?
4. What are some exceptions or issues you’ve faced and how did you resolve them?
5. Tell me about your history in IT
6. What kind of SQL did you use?

Microsoft Server SQL Management Studio

1. Which do you prefer first – code or database?
2. Did you use LinQ to query the database? What’s another method to do this?
3. How did you use entity framework methods?
4. Your name and what were the last projects you worked on?
5. How many people did you work with in each project?
6. Talk about a project where you used C#
7. Have you ever performed a rollback?