MASTER GIT

Git basics
Using Git
Advanced Git usage

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WHY VERSION CONTROL?

- Even as a team of one we commonly have multiple versions of the same file as we work on it over time
- A version control system provides capabilities to centrally store and track our content with metadata like versions, comments
- When you expand to more than one it becomes a necessity

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BENEFITS & FEATURES OF VERSION CONTROL SYSTEMS

- The source of truth for the company/project IP
- Enables collaboration
- "Encourages" consistency
- History and immutability
- Hooks into additional security
- CI/CD integration

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TYPES OF VERSION CONTROL SYSTEM

- There are two main types
  - Centralized
  - Distributed

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WHAT IS GIT

- A free, open-source, distributed version control system
- Utilizes folders and files on the local file system
- Created by Linus Torvalds (yep the Linux guy)
- Quickly has become the defacto standard
- Used by many repository solutions like GitHub, Azure DevOps Repos, Bitbucket

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LETS GET GIT

- https://git-scm.com/
- Nearly everything we do will be on your local machine
- Let's create a repo!
- It's empty but you have a repo

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INITIAL CONFIGURATION

- Before we go any further there are a few basic configurations to perform

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LETS GIT TO IT ☺

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THANKS FOR WATCHING!

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