BLKN/PROG 346 Repository Systems

MICROCREDENTIAL AWARDED TO

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ALTHASH UNIVERSITY

Specific Learning Objectives:

Master basic terminology and concepts related to repository management systems. Compare and contrast the features of popular repository management systems. Navigate and explore the user interfaces of chosen repository management systems. Create, clone, and delete repositories within the chosen repository management system. Understand the concept of forking and its importance in open-source collaboration. Collaborate with team members using various tools and features. Utilize issue tracking systems to report and resolve bugs, request features, and discuss project-related matters. Familiarize themselves with the process of creating and managing pull requests for code integration. Explore and integrate continuous integration (CI) and continuous deployment (CD) tools for automated testing and deployment. Learn to use the chosen repository management system's API to integrate with other tools and services, such as project management tools and code editors. Apply best practices for organizing and structuring repositories, including proper README documentation, file organization, and commit message conventions. Investigate management system marketplaces to discover useful plugins and integrations that enhance productivity and collaboration.

In partial fulfillment of the requirements for the nanodegree of

Blockchain Studies (CSC - BSTUD)

(4.5 Clock Hours) (80% Passing Score)

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