# Lab 1 DevOps Intro

Part 1: Learn Chef Basics @ <https://learn.chef.io/tracks>

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Check out “Beginning Your Chef Journey” course and then submit a screenshot for your 100% completion in the box below.

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Sample screenshot is provided here (Do not use mine! Yours should with a start date in 2024)

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OR:

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Part 2: Learn DevOps Basics @ <https://learn.chef.io/tracks>

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Check out “Introduction to DevOps” course and then write a paragraph as your reflection on the case study of AppLovin.

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| From the video, the team at AppLovin seems to be drawn to Chef for its ability to create a robust, scalable infrastructure that can handle many requests a day. Based on what Joseph Milla, the Operations Engineer in the video, said, they added Test Kitchen to their suite of Chef services they used and they’re planning to, and have not yet, implemented Chef Habitat and Chef InSpec. This does make me wonder if AppLovin previously handled testing for their code different and if they need to transfer those over to Test Kitchen, and how they’ll have to change and adapt their current codebase to use Chef Infra and Chef InSpec – Chef tools that (1) transforms infrastructure configuration into code and (2) provides a language for describing security and compliance rules. |

Check out “Introduction to DevOps” course and then write a paragraph as your reflection on the case study of Edgenuity.

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| The goals and needs of Edgenuity appear to very clearly and logically connect with the advantages/benefits of what Cloud technology and DevOps methodology hopes to accomplish: availability, agility, operation cost efficiency, and security. In comparison to the previous case study, their PDF file for the case study also is a lot more explicit and clear as to the challenges they were facing prior to using Chef and how they had benefited from integrating Chef into their product/services. |

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Part 3: Review git basics @ <https://learn.chef.io/tracks>

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Part 4 : [Optional] Learn Chef Habitat@ <https://learn.chef.io/tracks>

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Check out “Deliver Applications with Chef Habitat” course and then submit a screenshot for your 100% completion.

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