

# **INTERNSHIP REPORT**

**10th May -27th May 2021 - Python ML**

**Submitted by:-**

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# Acknowledgement

*I want to thank my advisers and everyone at the **DLithe** for their patience and assistance during my online training sessions. Thanks to their guidance, I was able to develop **Talking Bot** and learn about python and machine learning. These skills will help me to expand my resume and advance my career.*

# Introduction

*My name is Akshitha Shetty, studying B.E. Information Science in N.M.A.M. Institute of Technology. Currently I'm in 6<sup>th</sup> Semester(3<sup>rd</sup> year).*

*During my internship with the DLithe, I learned about python and machine learning. I was able to put these skills in practice in project.*

*This internship allowed me to develop new skills. I think I still need to work on my coding skills. However, the overall experience was positive, and everything I learned will be useful in my future career.*

# Information about the DLithe

*DLithe are the people from Industry, with the vision: “Build an agile workforce which is competent in “Domain, Technology and Personality” towards readiness of global industry needs”. It was founded in the year 2018. Their headquarter is in Bengaluru, Karnataka.*

*They have experience working with customers globally to achieve their business goals. They have worked with large enterprise engagements in various domains like Retail, Manufacturing, Banking & Finance, Insurance, etc. using various technologies like Java, Microsoft, Python, AI, IoT and many more. Legacy to Modern Technology, they understand your needs. They are committed to giving you positive results.*

*Their website: <http://www.dlithe.com>*

# Talking Bot

*Python Talk bot Automation solutions and bots are playing a major role in almost all applications in the digital world. They believe that talking bot over chat bot will improve the customer experience as this solution covers users who have difficulty or are not used to typing or writing.*

*The objective of this project is to develop an AI assistant which understands the message spoken by the user and will speak the reply. Libraries used are:*

*SpeechRecognition:*

*reference: <https://realpython.com/python-speech-recognition/>*

*pyttsx3:*

*refernce: <https://pypi.org/project/pyttsx3/>*

*<https://www.lfd.uci.edu/~gohlke/pythonlibs/#pyaudio>*

*chatterbot:*

*refernce: <https://pypi.org/project/ChatterBot/>*

**My project git-hub link:**

**<https://github.com/AKS-shetty/Python-Talk-bot>**

**THANK YOU**