My Internship with DLithe - www.dlithe.com

Month:July Year:2021

Mode: Online and Offline

Duration: 1 month (17/05/2021 - 15/06/2021)

About me:

I am **Arshit Singhal, Id:4NM18EC031, student of N.M.A.M. Institute of Technology, Nitte, Electronics and Communications Engineering department,** studying in 3rd year.

I am passionate about technology trends and exploring different programming laguages to upskill towards industry needs. Internship is an opprtunity for me to learn Domain, Technology, Process used in the industry. The outcome of internship is completion of proof of concept and publish it in github platform.

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About the company:

DLithe Consultancy Services Private Limited is Bengaluru based EdTech company, started in the year 2018. It is lead by industry professional with two decades of experience in the field of Information Technology - Product, Project Management, Engineering Excellence and Delivery, Customer Management, Humanr Resource management areas.

The company provides technology services such as platform migrations, application development and maintenance, product development. The company also provides competency development services to corporate and major academic institutions to build an agile workforce. The company has 20+ technical consultants engaged in technical delivery. The company has recently built a mobile applicaiton for health care client

Internship Journey:

The internship was on *Python programming and Data Science*. I learnt about Python software installation, environment setup followed by programming using basics and advanced concepts such object oriented programming

I learnt about importance of data, data extraction, processing and visualisation. I learnt about using various datasets and run the alogorithms to discover the data patterns

I learnt about Banking & Finance, Insurance, Retail and other domain, understood the customer requirements, importance of customer experience. I learnt about importance of testing and development metodology using

Agile sprint execution

I worked on data science project on analysis of Air Quality Index with Python programming language using Kaggle dataset. Also analysed how lockdown has worked to reduce air pollution in India.

Program Summary:

- Introduction to Programming
- Python installation, Environment Setup
- Basics of Python, Syntax, Datatypes, Variables
- Loop, Functions
- Numpy, Panda's
- Working with various datasets
- Data extraction, Processing, Visualisation
- Industry overview, Agile development, Customer Experience

By now, I know Python programming, alogorithms and basics of data science concepts. Overall it was good experience to enhance my technical skills while I also learnt about domain and process. I look forward to implement these as I begin my career as software professional, soon.

Deliverables:

1. Github:My github
2. Linkedin:My Profile
3. Blog/Document link:My Blog/Report

End of Internship Report © 2021

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