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| **Name :- Bharat Rama Naik – 4NM21IS034 - February** | | |
| **S.No** | **Date** | **Days** | **Training On** | **Task Description** |
| 1 | 03-Feb-25 | Monday | Self learning on basics of microservices. | Introduction to microservice architecture. |
| 2 | 04-Feb-25 | Tuesday | Self learning on microservice architecture | Microservice architecture Spring boot microservices Microservices design patterns |
| 3 | 05-Feb-25 | Wednesday | Self learning on microservice architecture | Creating microservice application Interservice communication using rest template Service registry |
| 4 | 06-Feb-25 | Thursday | Self learning on microservice architecture | Eureka service registry Rest template for interservice communication Open feign for interservice communication |
| 5 | 07-Feb-25 | Friday | Self learning on microservice architecture | Learned about the basics of config server Learned implementation of the Open feign |
| 6 | 10-Feb-25 | Monday | Self learning on microservice architecture | Understood the concept of API gateway. Understood the basics of fault tolerance and circuit breaking |
| 7 | 11-Feb-25 | Tuesday | Self learning on microservice architecture | Understood the concept of basic concepts of message queues with RabbitMQ. Understood the basics of API monitoring metrics |
| 8 | 12-Feb-25 | Wednesday | Self learning on containers | Understood the concept of docker. Understood the basic concept of jar files |
| 9 | 13-Feb-25 | Thursday | Self learning on spring reactive framework. | Reactive programming in Java. Mono and Flux in spring reactive programming |
| 10 | 14-Feb-25 | Friday | Self learning on spring reactive framework. | Important methods of Mono and Flux in reactive programming. Building basic REST API in spring webflux |
| 11 | 17-Feb-25 | Monday | Self learning on spring reactive framework. | Learned the concepts of methods of Mono and Flux. Learned the concepts to build REST API in webflux |
| 12 | 18-Feb-25 | Tuesday | Self learning on python | Baiscs of python. |
| 13 | 19-Feb-25 | Wednesday | Self learning on python | Python basic concepts(variables, loops, conditional statements etc) , numpy basic methods. |
| 14 | 20-Feb-25 | Thursday | Self learning on python | OOP's in python, file handling, functions, decorators in python. |
| 15 | 21-Feb-25 | Friday | Self learning on python and flask framework | More on OOP's in python, Flask basic concepts, creating basic API in flask. |
| 16 | 24-Feb-25 | Monday | Self learning on python | Access modifiers in python, Abstract class, types of inheritance. |
| 17 | 25-Feb-25 | Tuesday | Self learning on basics of agentic AI | Basics of vector databases, basics of langchain, basics of agentic AI |
| 18 | 26-Feb-25 | Wednesday | Self learning on basics of agentic AI | Basic concepts of phidata and its use in agentic AI, some concepts of langflow to build a workflow of application. |
| 19 | 27-Feb-25 | Thursday | Self learning on python | Introduction to some important libraries in python(pydantic, dotenv, etc). Basic concepts of flask framework to build API. |
| 20 | 28-Feb-25 | Friday | Self learning on Flask framework | Creating API endpoints in flask, static files handling, file upload and download in flask API, Dynamically modifying HTML files. |