Designation :

1. Full-Stack-Web-Developer
2. Data scientist
3. Java full stack Developer
4. Data Structure And Alogorithm

Career path :

1. **Full-Stack-Web-Developer :**

   FrontEnd → Database → BackEnd

   I. FrontEnd :
       - HTML
       - CSS
       - JavaScript
       - ReactJS(front-end framework / library)
       - Bootstrap / Tailwind (CSS Framework)

   II. DataBase :
        - SQL
        - MongoDB

   III. BackEnd :
         - NodeJS
         - ExpressJS
         - Django   (Python)

   IV. Full-Stack-Projects

        Complete one tech stack (MERN / MEAN)

        MERN Stack

        M : MongoDB Database

        E : Express JS

        R : React JS

        N : NodeJS

2. **Data scientist**

   I. Learn a programming language :
      - Python or R

   II. Learn mathematics
      - Statistics – mean , median , mode , variance , standard deviation
      - Linear Algebra – vectors , matrices , EigenValues
      - Calculus – derivatives
      - Probability – ODDS , Conditional Probability , Bayes Theorem

   III. Data visualization : need to learn libraries like
      - MatPlotLib (python librey)
      - Seaborn
      - Need Knowledge of basic excel
      - PowerBI

   IV. Machine Learning : following algorithm need to learn
      - Supervised(labeled)
      - Unsupervised(o/p)
      - Semi-supervised
      - Reinforcement (recommaded data engine)

   V. DataBase :
      - SQL
   VI. Build Projects

   VII. Resources : KAGGLE Website : for different project ideas , use datasets

3.Java developer:
   - 1)basic java
   - 2) Adavance java
   - 3) hibrate
   - 4) spring Boot (framework)

3. **Data Structure And Alogorithm**
   - linear data
   - Adavance data structure
   - For practice using leetcode

  Link of leetcode : https://leetcode.com/u/Ansar_Shaikh/
Link of github: https://github.com/Ansar-Shaikh/desktop-tutorial