

Designation :

1. Full-Stack-Web-Developer
2. Data scientist
3. Java full stack Developer

Career path :**1. Full-Stack-Web-Developer :****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 library)
 - Seaborn
 - Need Knowledge of basic excel
 - PowerBI
- IV. Machine Learning : following algorithm need to learn
 - Supervised(labeled)
 - Unsupervised(o/p)
 - Semi-supervised
 - Reinforcement (recommended 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) Advance java
- 3) hibernate
- 4) spring Boot (framework)
- 5) tomcat
- 6) mysql
- 7)servlet