

Roadmap JAVA

JAVA -> Data Structure -> Algorithms

Important Tips - 1. Daily Practice

2. Peer Programming

Some famous and recommended YouTube Channels to learn

- [Apni Kaksha](#)
- [CodeWithHarry](#)

For **theory** and **reading**-

- [GFG](#)
- [W3school](#)

For **DSA**-

[GFG](#)

For **Algorithms**-

[GFG](#)

Practice on [HackerRank](#) and try to take part in some monthly contest, when you start your DS course.

JAVA Projects- (Can be added to resume)

- Android Projects
- Hospital Management/School Management System
- Email client software (unique)
- Quiz management system
- Converter

Python Roadmap for project Development

[Learn Python-> Start with small projects](#)

For Learning-

- [CWH](#)
- [FreeCodeCamp](#)

For reading and theory-

- [GFG](#)

Tip1- Start with a basic project, after learning the from above material. It will help you to grow your confidence exponentially.

Tip2- Develop a habit of understanding others code to get reference, how the code works in real time application.

Python Projects that you can include in your resume-

➤ Machine Learning Project.

1. Natural Gas Price Prediction
2. Analyzing Movie Dataset
3. Simple Chat Room using Python
4. House Price Prediction
5. Analyzing Weather Dataset.

➤ Django Projects

1. Sending Email with Python
2. Django chat app
3. Library management system
4. Django To-do list
5. Notes app