

User Documentation for Manga Reader

Potassium

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This project is an authentication-based web application. To configure the application, please review the README.md file. To run the program, simply run the command 'python manage.py runserver'. Then go to the url '<http://127.0.0.1:8000/>'.

The first step is to create an account using username and password. If you are not already authenticated, you will always be redirected to the login page.



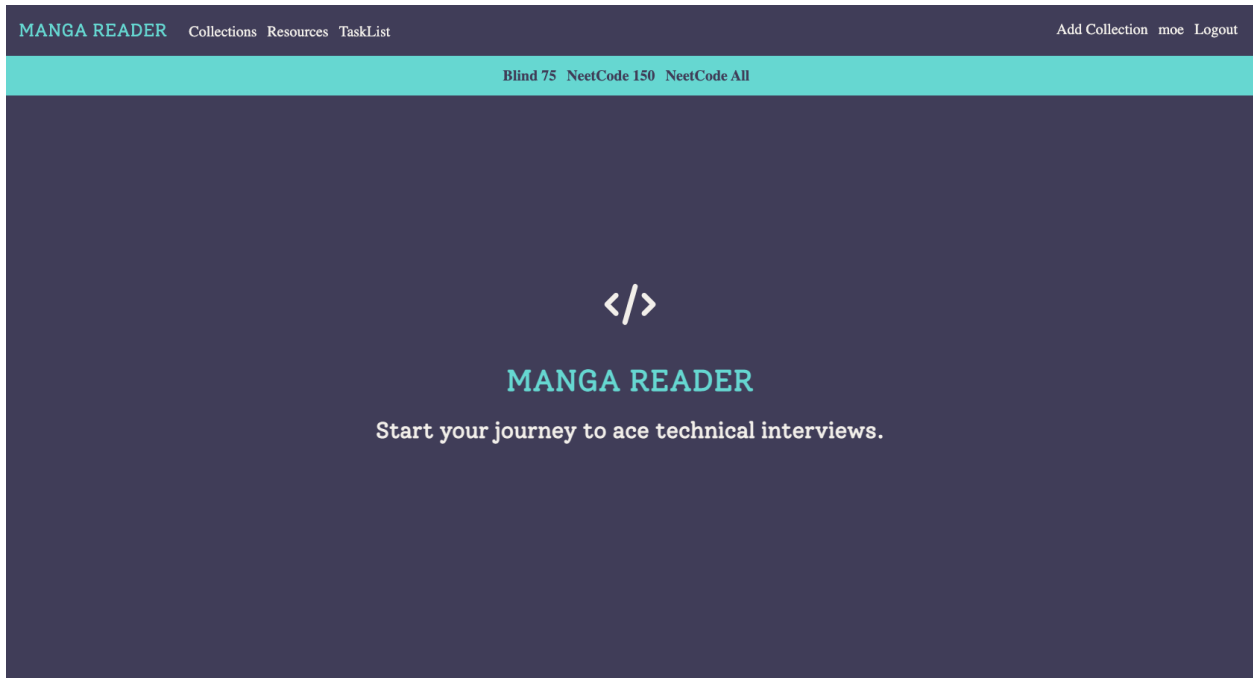
Sign Up

Username

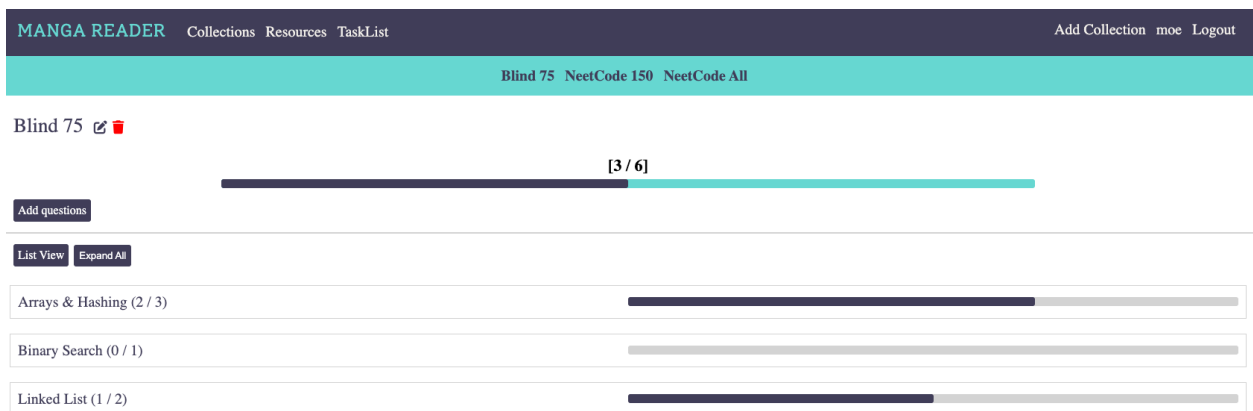
Password

Confirm Password

Once you sign up, it will take you to the dashboard where you can see two navigation bars - main navigation bar and collections navigation bar. There are three tabs in the main navigation bar - Collections, Resources and TaskList. Clicking on the Collections tab will display the collections tab which has three default collections - Blind 75, NeetCode 150 and NeetCode All. One thing to note here is that the Collections tab is the same as dashboard.



In the picture below, you can see the Blind75 collection. You can view each collection either in topic view or list view. The image below demonstrates the topic view in which questions are grouped by topics such as Array and Hashing, Binary Search, LinkedList. To view the questions, you can either click on each topic to expand or click on the button 'Expand All' to expand all the topics.



The image below demonstrates the expanded topics which display the questions. You can click on the link next to the question name, and it will take you to the Leetcode website to solve the question. After solving the question, you can check the checkbox to update the progress, and it will update both the topic progress bar and the collection progress bar. You can also delete the question by clicking the delete icon, and it will delete the question from the current collection.

You can add the questions to the collection by clicking the button 'Add questions' which is located below the collection progress bar. When you add questions, you can only see the questions that are currently not in the current collection.

MANGA READER
Collections
Resources
TaskList
Add Collection
moe
Logout

Blind 75
NeetCode 150
NeetCode All

Blind 75

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Add questions

List View
Collapse All

Arrays & Hashing (2 / 3)

Question	Difficulty	Topic	Completed	
Contains Duplicate	Easy	Arrays & Hashing	<input checked="" type="checkbox"/>	
Two Sum	Easy	Arrays & Hashing	<input checked="" type="checkbox"/>	
Sort Colors	Medium	Arrays & Hashing	<input type="checkbox"/>	

Binary Search (0 / 1)

Question	Difficulty	Topic	Completed	
Binary Search	Easy	Binary Search	<input type="checkbox"/>	

Linked List (1 / 2)

Question	Difficulty	Topic	Completed	
Reverse Linked List	Easy	Linked List	<input type="checkbox"/>	
Palindrome Linked List	Easy	Linked List	<input checked="" type="checkbox"/>	

This image below is the list view of the Blind75 collection. You can perform the same operations in the list view as in the topic view. You can delete a question. You can update the progress bar, and there are no topic progress bars in the list view. The main functionality of the list view is that you can order the questions based on the difficulty or the alphabet.

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CollectionsResourcesTaskList

Add CollectionmoeLogout

Blind 75NeetCode 150NeetCode All

Blind 75

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Add questions

Topic View

Difficulty Increasing

Question	Difficulty	Topic	Completed	
Contains Duplicate	Easy	Arrays & Hashing	<input checked="" type="checkbox"/>	
Two Sum	Easy	Arrays & Hashing	<input checked="" type="checkbox"/>	
Binary Search	Easy	Binary Search	<input type="checkbox"/>	
Reverse Linked List	Easy	Linked List	<input type="checkbox"/>	
Palindrome Linked List	Easy	Linked List	<input checked="" type="checkbox"/>	
Group Anagrams	Medium	Arrays & Hashing	<input checked="" type="checkbox"/>	
Sort Colors	Medium	Arrays & Hashing	<input type="checkbox"/>	

The image below is where you can create a new custom collection. You can name it and add any question. Once you submit the new collection, you will be redirected to the newly created collection.

Create a new collection



Collection Name

Add	Question	Topic	Difficulty
<input type="checkbox"/>	Contains Duplicate	Arrays & Hashing	Easy
<input type="checkbox"/>	Two Sum	Arrays & Hashing	Easy
<input type="checkbox"/>	Group Anagrams	Arrays & Hashing	Medium
<input type="checkbox"/>	Sort Colors	Arrays & Hashing	Medium
<input type="checkbox"/>	First Missing Positive	Arrays & Hashing	Hard
<input type="checkbox"/>	Binary Search	Binary Search	Easy
<input type="checkbox"/>	Koko Eating Bananas	Binary Search	Medium
<input type="checkbox"/>	Search In Rotated Sorted Array	Binary Search	Medium
<input type="checkbox"/>	Split Array Largest Sum	Binary Search	Hard
<input type="checkbox"/>	Palindrome Linked List	Linked List	Easy
<input type="checkbox"/>	Reverse Linked List	Linked List	Easy
<input type="checkbox"/>	Add Two Numbers	Linked List	Medium
<input type="checkbox"/>	Reorder List	Linked List	Medium
<input type="checkbox"/>	Merge K Sorted Lists	Linked List	Hard
<input type="checkbox"/>	Reverse Nodes in K Group	Linked List	Hard
<input type="checkbox"/>	Diameter of Binary Tree	Trees	Easy
<input type="checkbox"/>	Invert Binary Tree	Trees	Easy
<input type="checkbox"/>	Binary Tree Level Order Traversal	Trees	Medium
<input type="checkbox"/>	Convert Bst to Greater Tree	Trees	Medium
<input type="checkbox"/>	Validate Binary Search Tree	Trees	Medium
<input type="checkbox"/>	Binary Tree Maximum Path Sum	Trees	Hard

You can edit and delete the name of every collection. If you click on the delete icon, a confirmation modal will be displayed to get the confirmation. Once you confirm, the collection will be removed from the app.

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Blind 75 NeetCode 150 NeetCode All Test Collection

Test Collection  

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Add questions

List View Expand All

Arrays & Hashing (1 / 3)

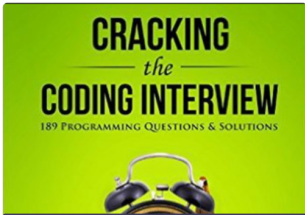
Binary Search (0 / 2)

Linked List (1 / 2)

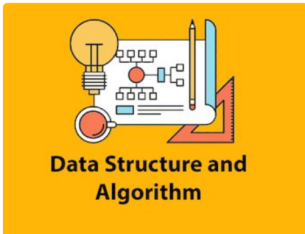
The image below is the Resources page which contains links to useful resources for the technical interviews.

MANGA READER Collections Resources Task List Add Collection moe Logout

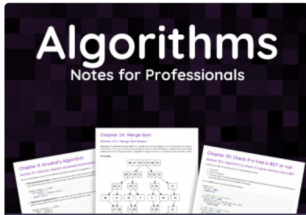
Resources



Cracking the coding interview
This book includes 189 programming questions for your technical interview. It also details the step by step solution of each question so that you can use similar strategies for questions you haven't seen before.



Complete Data structures & Algorithms
This is a complete guide to understand the most important algorithms and data structures for the technical interview.



Algorithms Notes for Professionals
This is an excellent resource for software engineers and students who are preparing for the technical interviews. This book provides comprehensive notes for the algorithms you need in the industry.

The image below is the Task List which is basically the to-do list. You can write down any task and mark it as completed. You can also delete the task completely by clicking on the 'x' icon.

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CollectionsResourcesTaskList

Add CollectionmoeLogout

Task List

Task

Add Task

✓ Reach out to the interviewer

x

≡ Email the recruiter

x

≡ Do Linked List questions today

x