

Sequence Diagrams

```
1 @startuml
2 'https://plantuml.com/sequence-diagram
3
4 autonumber
5
6 actor JobSeeker
7 participant Client<<Web/Mobile>>
8 participant Backend<<Servers>>
9 participant Database
10 participant FileStorage
11
12 JobSeeker -> Client: Go to home page
13 Client -> Backend: Go to home page
14 return Home page
15 Client->JobSeeker: Home page
16 JobSeeker -> Client: Enter search keywords & filters
17 JobSeeker -> Client: Click "Search" button
18 Client -> Backend: Job search query
19 Backend->Database: Retrieve Jobs using search query
20 Database->Backend: Job list
21 Backend -> Client: Job list
22 Client->JobSeeker: Show job list at left panel
23 loop#85c1e9 #f8f9f9 Job list
24     JobSeeker -> Client: Check <b>i</b>th job summary
25     alt #eafaf1 if job seeker want to know more
26         JobSeeker -> Client: Click <b>i</b>th job's title
27         Client -> Backend: Request the <b>i</b>th job
28         Backend -> Database: Query the <b>i</b>th job
29         Database -> Backend: Return <b>i</b>th job's data
30         Backend -> Client: Return <b>i</b>th job's detail
31         Client -> JobSeeker: Show <b>i</b>th job's detail at right panel
32     alt #ebf5fb interested to apply
33         JobSeeker -> Client: Click "Apply" button
34         Client -> Backend: Request job application form
35         Backend -> Client: Job application form
36         Client -> JobSeeker: Display job application form
37         JobSeeker -> Client: Upload resume
38         Client -> Backend: Upload resume
39         Backend -> FileStorage: Store resume
40         return storage link/id
41         Backend -> Client: storage link/id
42         Client->JobSeeker: Display resume uploaded successfully
43
44         JobSeeker -> Client: Fill up application form
45         JobSeeker -> Client: Submit application
46         Client -> Backend: Send application
47         Backend->Backend: validate application
48         alt #eaecee Validation Success
49             Backend -> Database: Insert application
50             Database -> Backend: Send id and success message
51             Backend -> Client: Send id and success message
52             Client -> JobSeeker: Show success message
53         else Failure
```

Sequence Diagrams

```
54         Backend -> Client: Sent error message
55         Client -> JobSeeker: Show error message
56     end
57 end
58 end
59 end
60
61 @enduml
```

Sequence Diagrams

```
1 @startuml
2 'https://plantuml.com/sequence-diagram
3
4 autonumber
5
6 actor Employer
7 participant Client<<Web/Mobile>>
8 participant Backend<<Servers>>
9 participant Database
10
11 Employer -> Client: Request home page
12 Client -> Backend: Request home page
13 Backend -> Client: Home page
14 Client -> Employer: Show Home Page
15 Employer -> Client: Click "Create Job" button
16 Client -> Backend: Request job creation form
17 return Job creation form
18 Client -> Employer: Display job creation form
19
20 Employer -> Client: Fill up application details
21 Employer -> Client: Click "Submit" button
22 Client -> Backend: Send the form
23 Backend -> Backend: Perform validation
24 alt #eafaf1 Validation Success
25     Backend -> Database: Insert job in database
26     alt #ebf5fb Insertion Success
27         Database -> Backend: Insert job successfully
28         Backend -> Client: Send job creation success message
29         Client -> Employer: Display job creation success message
30     else Insertion Failure
31         Database -> Backend: Job insertion failure
32         Backend -> Client: Send job insertion failure message
33         Client -> Employer: Display job insertion failure message
34     end
35 else Validation Failure
36     Backend -> Client: Send validation error message
37     Client -> Employer: Display validation error message
38 end
39
40 @enduml
```