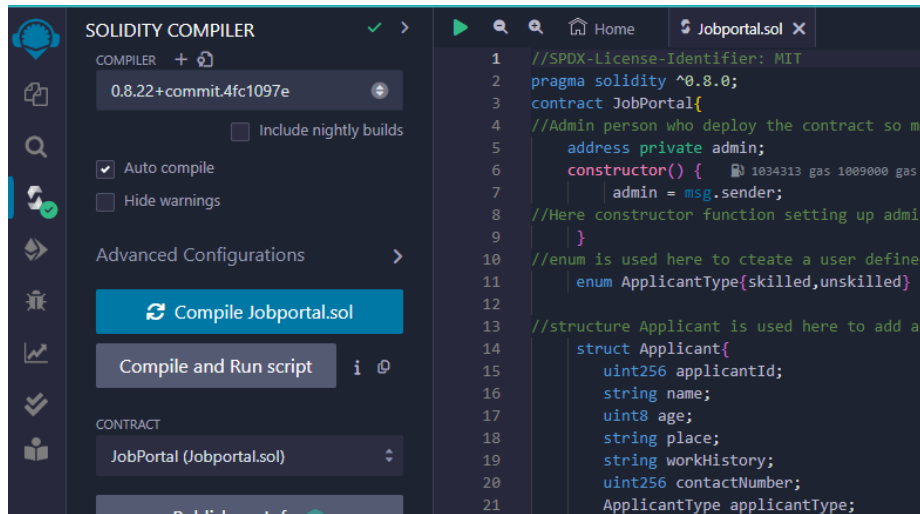


Details of Job portal Project

First I used REMIX IDE to write the smart contract

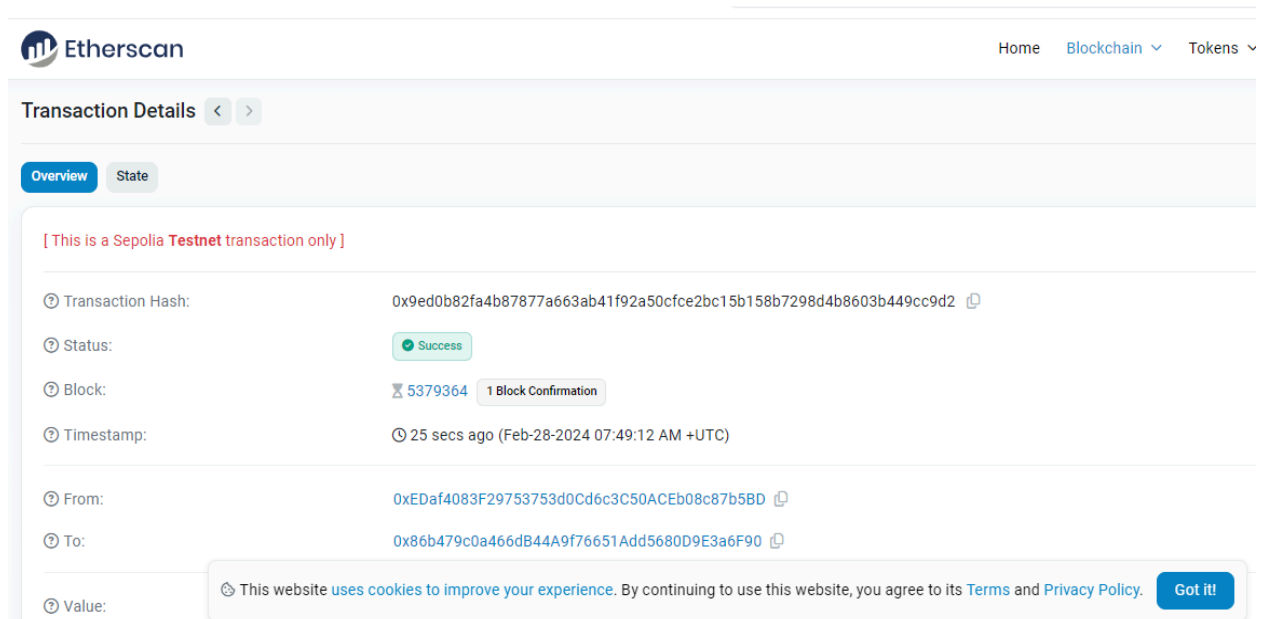


The screenshot shows the Solidity Compiler interface in Remix IDE. The left sidebar contains a file explorer with 'JobPortal (Jobportal.sol)' selected. The main editor displays the following Solidity code:

```
1 //SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3 contract JobPortal{
4     //Admin person who deploy the contract so me
5     address private admin;
6     constructor() {
7         admin = msg.sender;
8     }
9     //Here constructor function setting up admin
10    //enum is used here to cteate a user defined
11    enum ApplicantType{skilled,unskilled}
12
13    //structure Applicant is used here to add ap
14    struct Applicant{
15        uint256 applicantId;
16        string name;
17        uint8 age;
18        string place;
19        string workHistory;
20        uint256 contactNumber;
21        ApplicantType applicantType;
```

Compilation was done here .

I used injected Meta mask account to deploy the account but before that i received dummy eth from sepolia faucet .

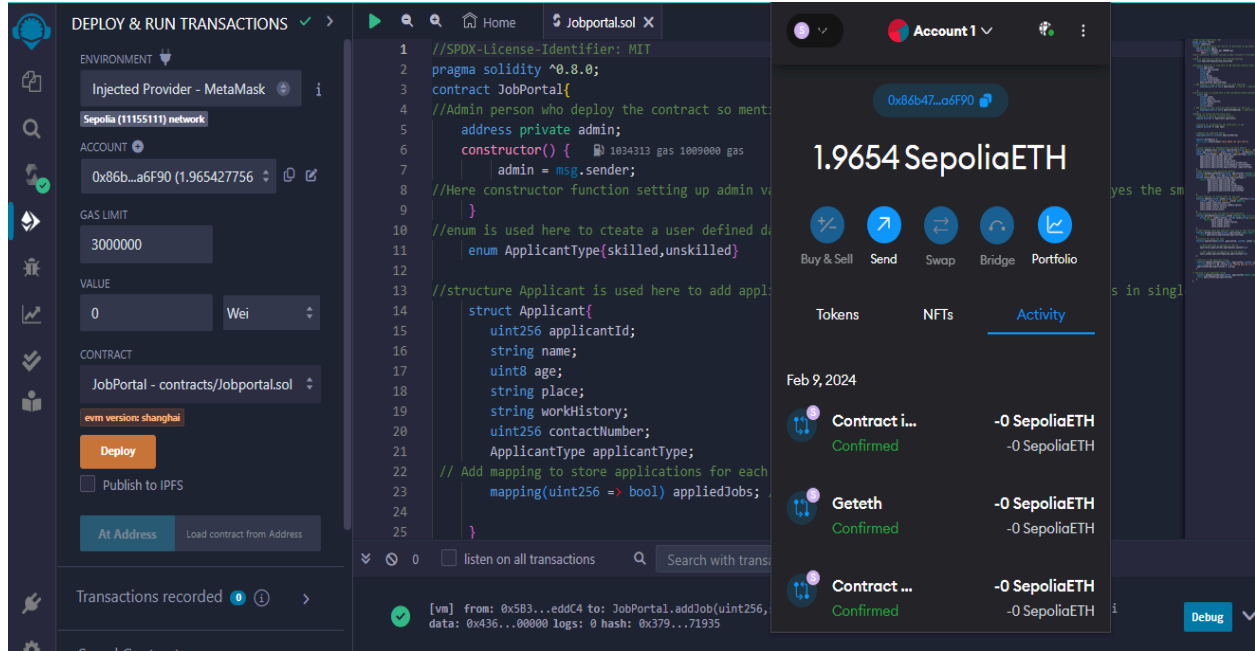


The screenshot shows the Etherscan Transaction Details page for a Sepolia Testnet transaction. The page includes a navigation bar with 'Home', 'Blockchain', and 'Tokens' links. The transaction details are as follows:

- Transaction Hash:** 0x9ed0b82fa4b87877a663ab41f92a50fce2bc15b158b7298d4b8603b449cc9d2
- Status:** Success
- Block:** 5379364 (1 Block Confirmation)
- Timestamp:** 25 secs ago (Feb-28-2024 07:49:12 AM +UTC)
- From:** 0xEDaf4083F29753753d0Cd6c3C50ACEb08c87b5BD
- To:** 0x86b479c0a466dB44A9f76651Add5680D9E3a6F90
- Value:** (Not specified)

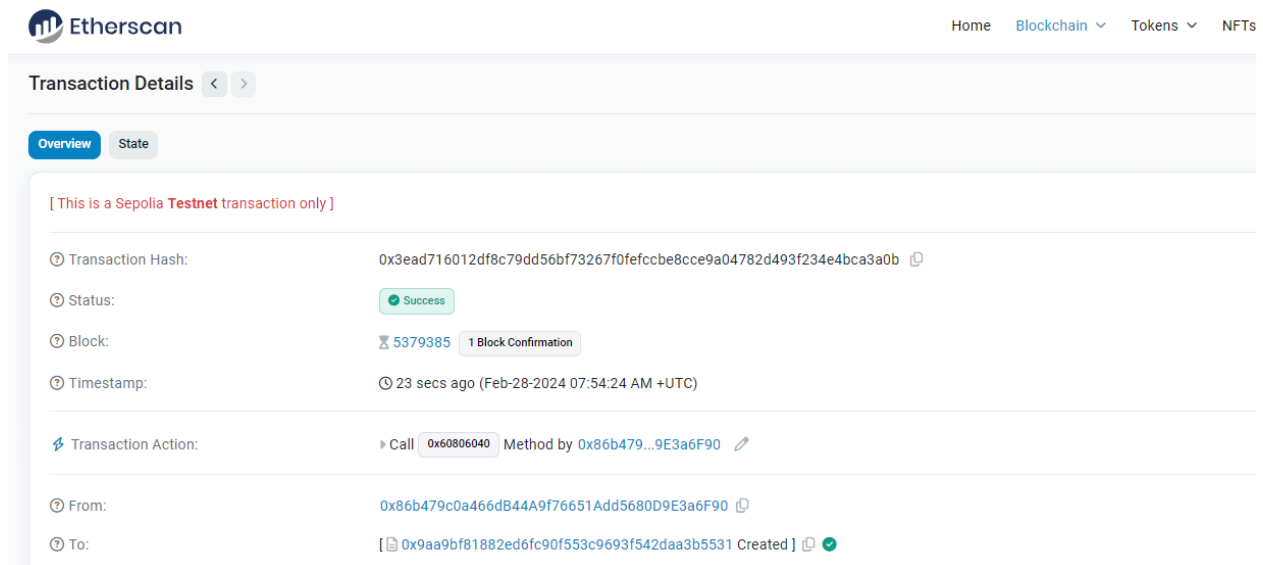
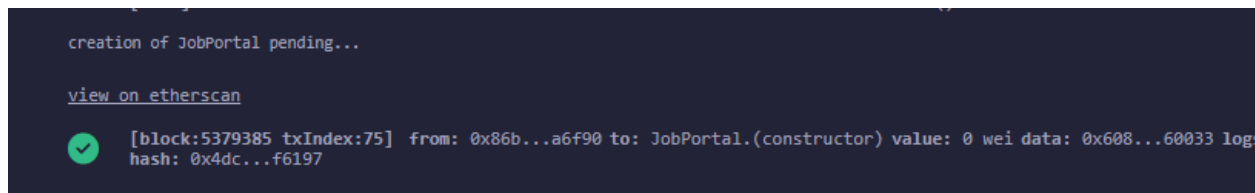
A cookie notice is displayed at the bottom: "This website uses cookies to improve your experience. By continuing to use this website, you agree to its Terms and Privacy Policy. Got it!"

Details of Job portal Project



Deploy smartcontract by using injected meta mask account as shown in above .

Deployment confirmation was done by etherscan :



Details of Job portal Project





Function that i took in this smart contract :

DEPLOY & RUN TRANSACTIONS









Saved Contracts


No saved contracts found.

Deployed Contracts

 JOBPORTAL AT 0X9AA...B5531   

Balance: 0 ETH

addApplicant	uint256 _applicantId, string _jobId	
addApplicant...	uint256 _applicantId, uint256 _jobId	
addJob	uint256 _jobId, string _jobTitle	
applyForJobs	uint256 _applicantId, uint256 _jobId	
getApplicant...	uint256 _applicantId	
getApplicant...	uint256 _applicantId	
getApplicantt...	uint256 _applicantId	
getJobDetails	uint256 _jobId	

Low level interactions 

CALLDATA

Transact

Details of Job portal Project

Detailed write function that i used in this smart contract :

▼

JOBPORTAL AT 0X9AA...B5531 (BLOCKCHAIN)

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✕

Balance: 0 ETH

addApplicant

^

_applicantId:

uint256

_name:

string

_age:

uint8

_place:

string

_workHistory:

string

_contactNumber:

uint256

_applicantType:

uint8

📄

Calldata

📄

Parameters

transact

addApplicantRating

^

_applicantId:

uint256

_rating:

uint256

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Calldata

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Parameters


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Details of Job portal Project

addApplicantRating

_applicantId: uint256

_rating: uint256

 Calldata

 Parameters

transact

addJob


_jobId: uint256


_jobTitle: string

_jobDescription: string

_salary: uint256

_place: string

 Calldata


 Parameters


transact

applyForJobs

_applicantId: uint256

_jobId: uint256

 Calldata

 Parameters

transact

Details of Job portal Project

Read function that i used in this smart contract :

getApplicantDetails

_applicantId: uint256

Calldata Parameters call

getApplicantRating

_applicantId: uint256

Calldata Parameters call

getApplicanttype

_applicantId: uint256

Calldata Parameters call

getJobDetails

_jobId: uint256

Calldata Parameters call