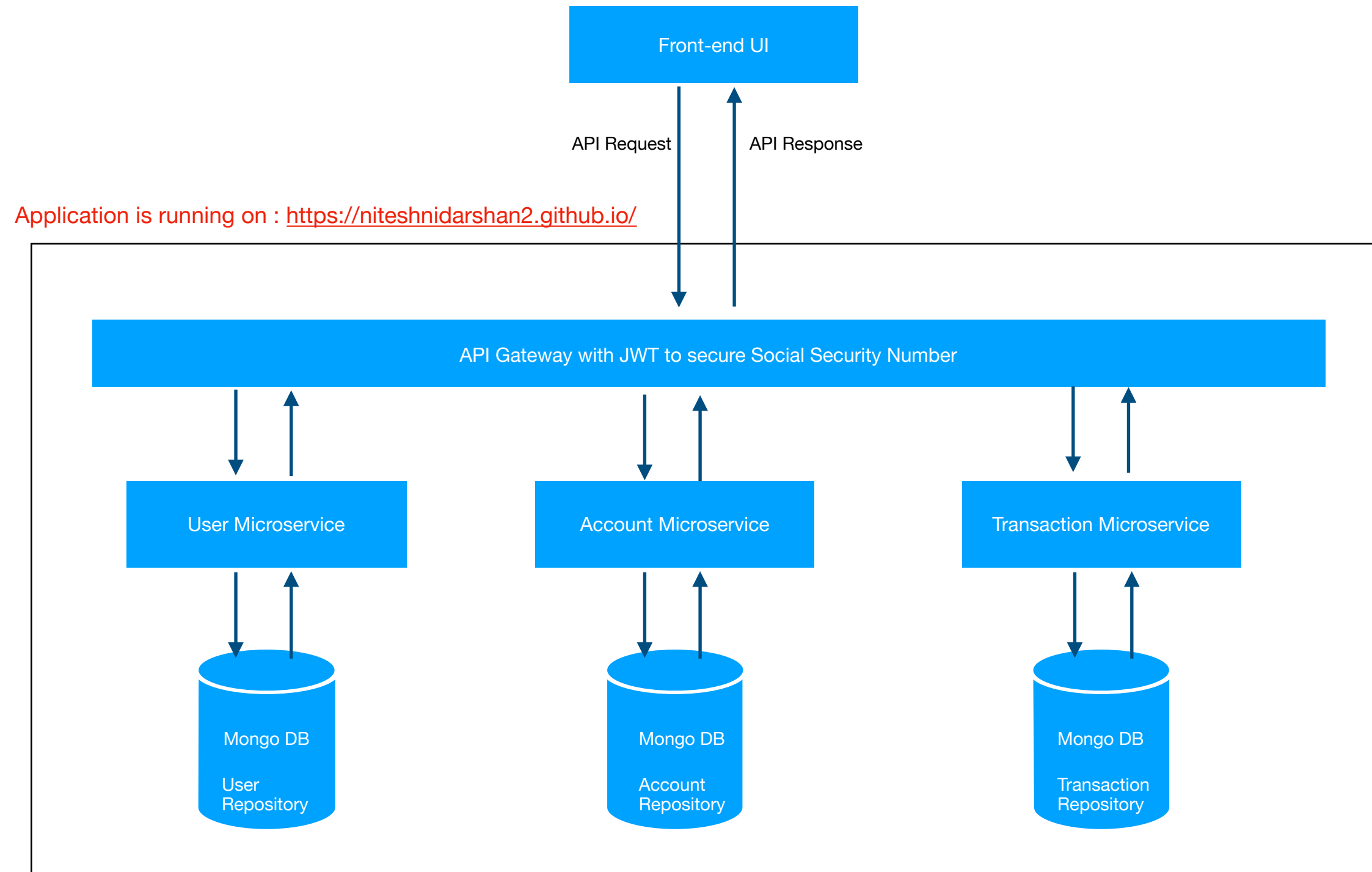


System Architecture



Back-end Technology/Framework used :

- Java 1.8
- Spring Boot
- Spring REST
- Spring JPA fro mongo

Database used :

- MongoDB cloud

Front-end UI Technology/Framework used :

- Angular with HTML 5 & Typescript

Application is running on : <https://niteshnidarshan2.github.io/>

User Microservice

User Microservice - method description						
Rest- end points	Method name	Method parameter	Return values	Description	User Access	
/api/user/login	login()	LoginDto	UserDetailDto	To login a registered user	Any	
/api/user/register	register()	UserDetailDto	UserDetailDto	To register a new user	Any	
/api/user/modify-user	editProfile()	UserDetailDto	UserDetailDto	To edit profile information	User	
/api/user/get/{userId}	getUserDetail()	userId	UserDetailDto	To get a user detail	Admin/User	
/api/user/get-all	getAllUserDetail()	-	List<UserDetailDto>	To get all user details	Admin	
/api/user/find/{name}	getUserByName()	name	List<UserDetailDto>	To get all matched user details	Admin	

Account Microservice

Account Microservice - method description						
Rest- end points	Method name	Method parameter	Return values	Description	User Access	
/api/account/create	createAccount()	AccountDetailDto	AccountDetailDto	To create an account	Any	
/api/account/modify	modifyAccount()	AccountDetailDto	AccountDetailDto	To update account info	User	
/api/account/delete/{accountId}	deleteAccount()	accountId	-	To delete account	User/Admin	
/api/account/update-amount	updateAccountAmount()	accountId, amount	AccountDetailDto	To update account amount		
/api/account/get-amount/{accountId}	getAmount()	accountId	Amount			

Transaction Microservice

Transaction Microservice - method description						
Rest- end points	Method name	Method parameter	Return values	Description	User Access	
/api/transaction/transfer-amount	transferAmount()	TransactionDetailDto	TransactionDetailDto	To transfer money between the	User	
/api/transaction/get-all/{accountId}	getAllTransaction()	accountId	List<TransactionDetailDto>	To show all the transaction initiated	User	

Rest- end points		
/api/user/login		
/api/user/register		
/api/user/modify-user		
/api/user/get/{userId}		
/api/user/get-all		
/api/user/find/{name}		

Rest- end points		
/api/account/create		
/api/account/modify		
/api/account/delete/{accountId}		
/api/account/update-amount		
/api/account/get-amount/{accountId}		

Rest- end points		
/api/transaction/transfer-amount		
/api/transaction/get-all/{accountId}		

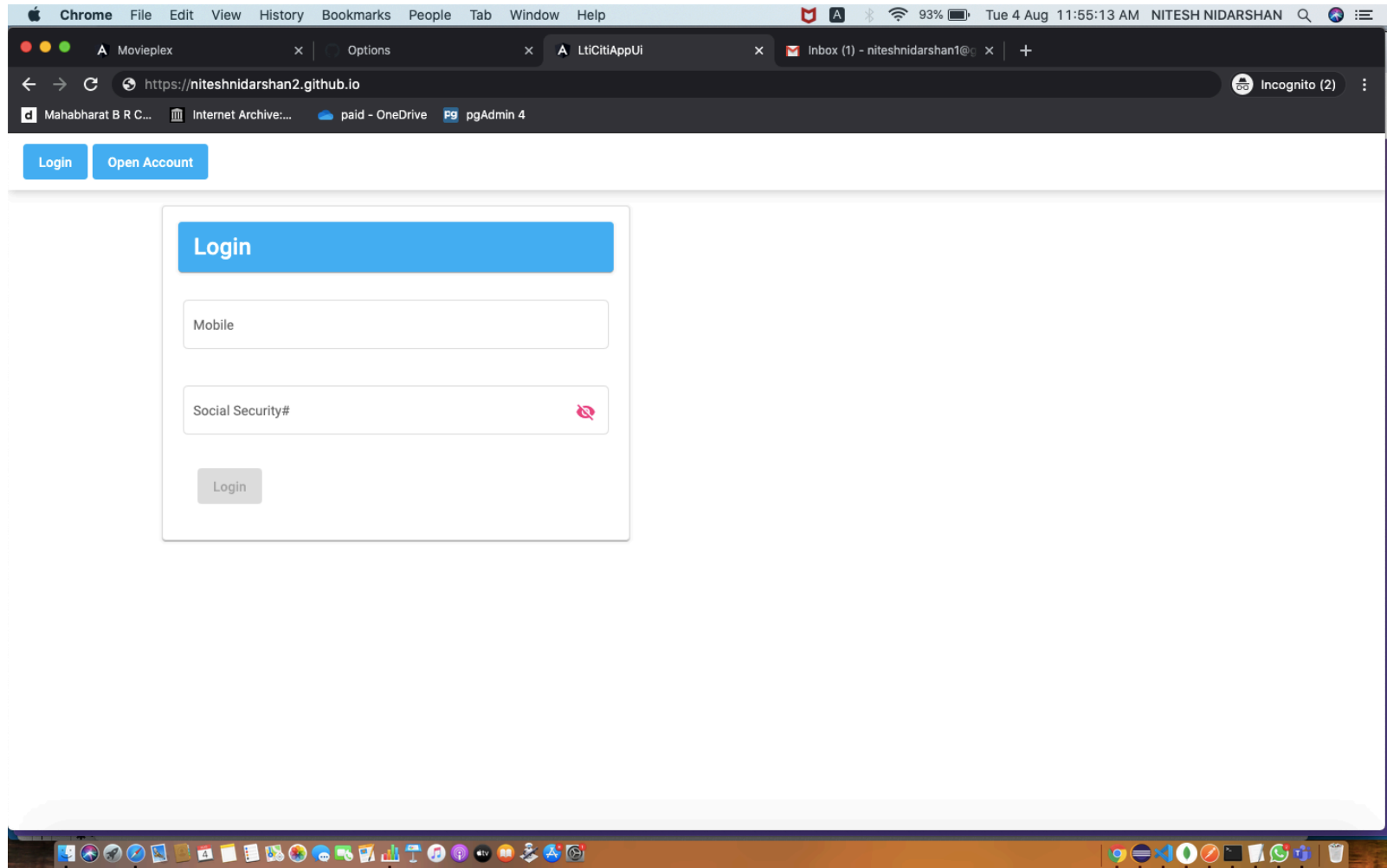
UserMicro	
	UserDetailDto
	String userId
	String firstName
	String lastName
	String address
	String email
	String mobile
	String socialSecurityNumber
	List<AccountDetailDto> associatedAccounts
	String userType
	String userStatus
	Date profileCreationTimeStamp
	Date profileLastModifiedTimeStamp

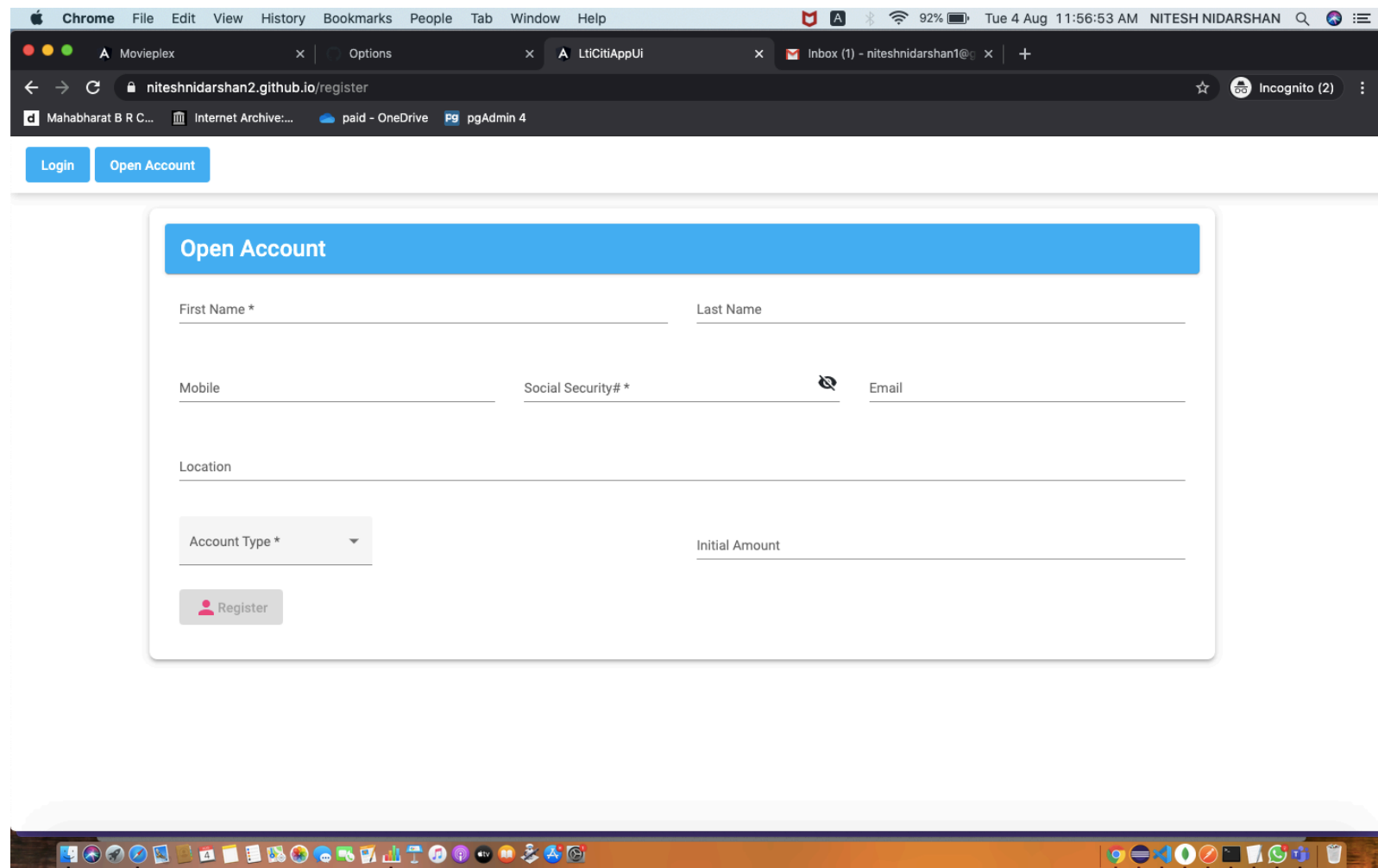
AccountMicro	
	AccountDetailDto
	String accountId
	String accountType
	Double amount
	String associatedUserId
	String accountStatus
	Date accountCreationTimeStamp
	Date accountLastModifiedTimeStamp

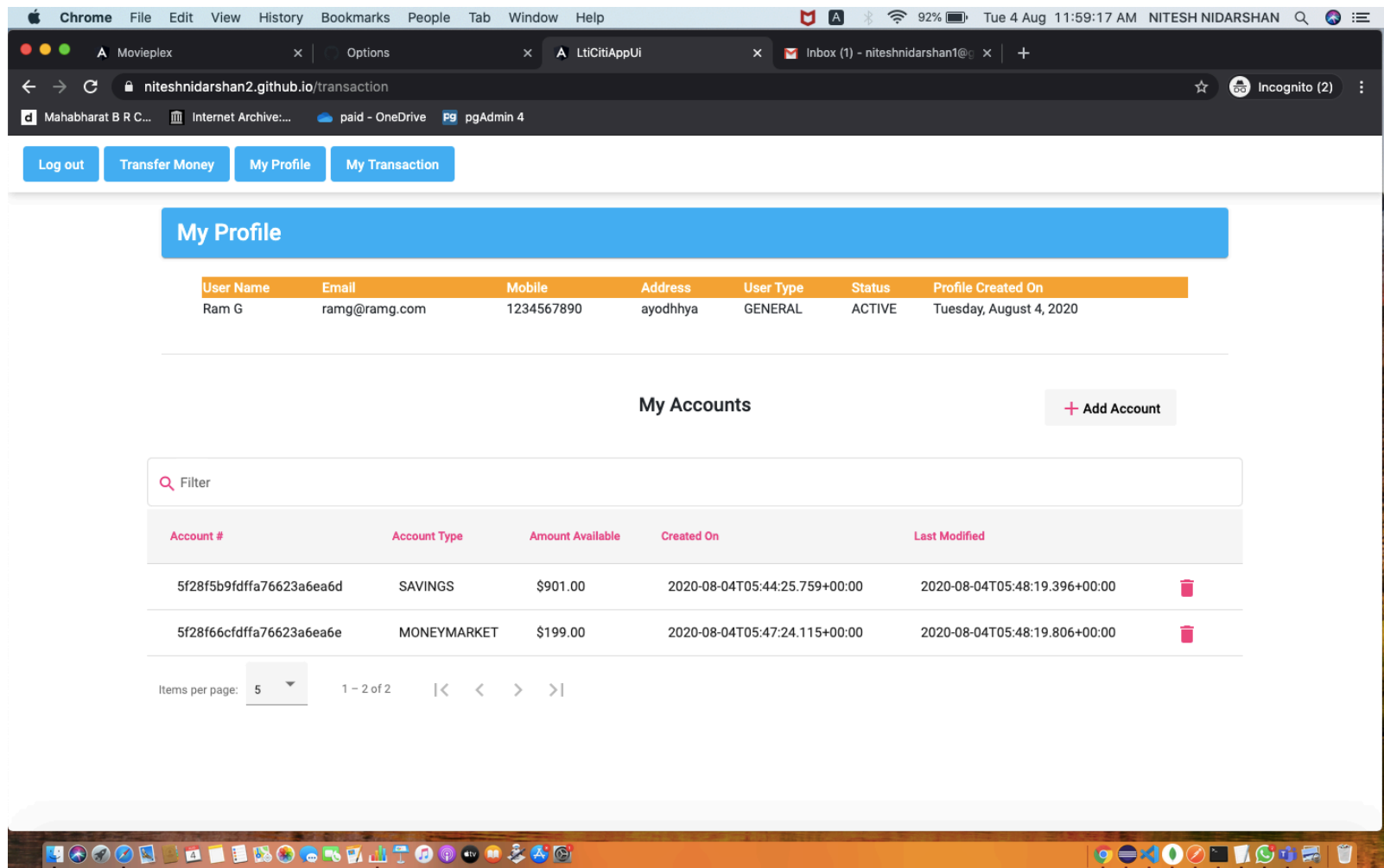
TransactionMicro	
	AccountDetailDto
	String transactionId
	String transactionType
	String senderAccountId
	String receiversAccountId
	Double amount
	String associatedUserId
	String transactionStatus
	Date transactionTimeStamp

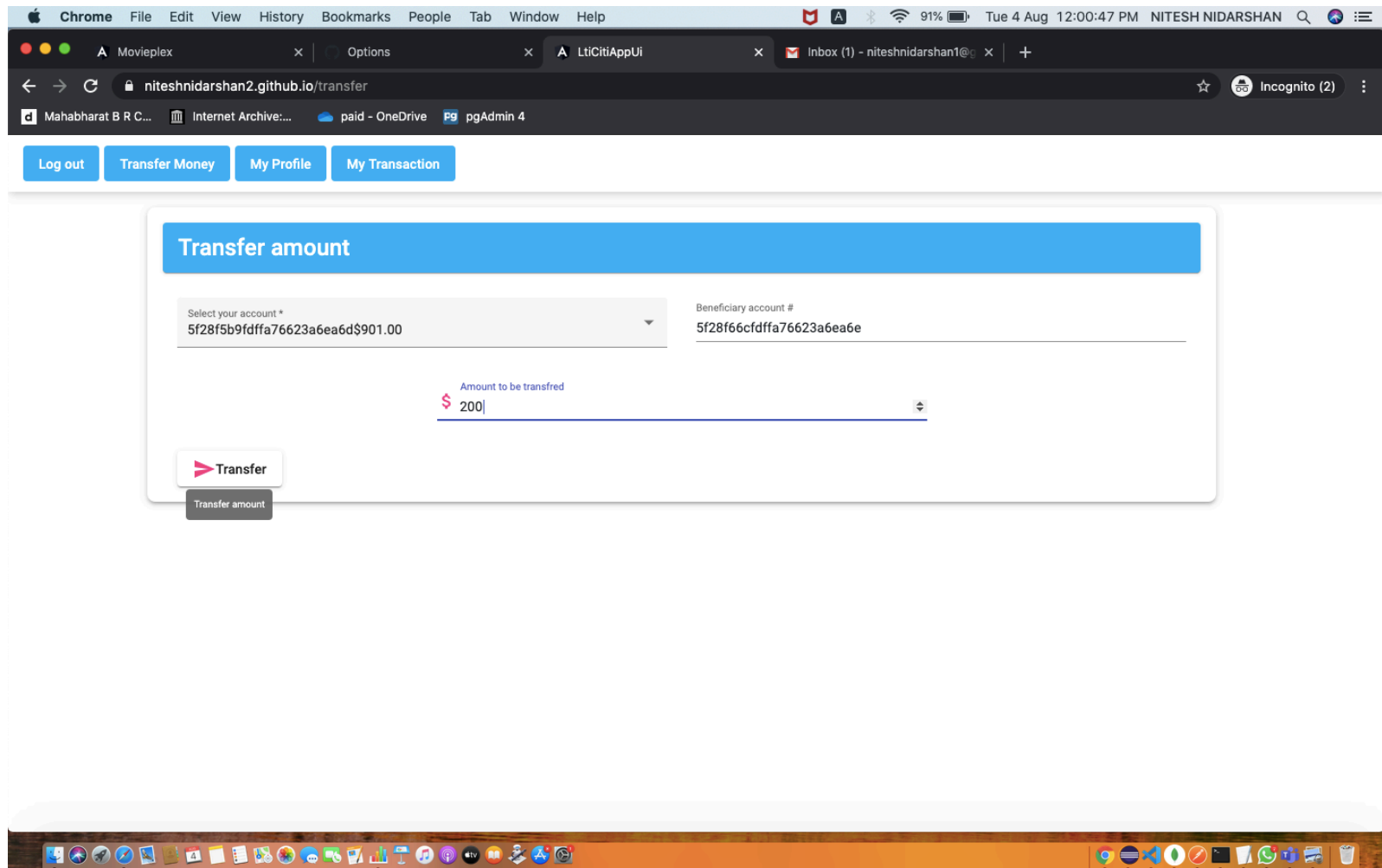
Application is running on : <https://niteshnidarshan2.github.io/>

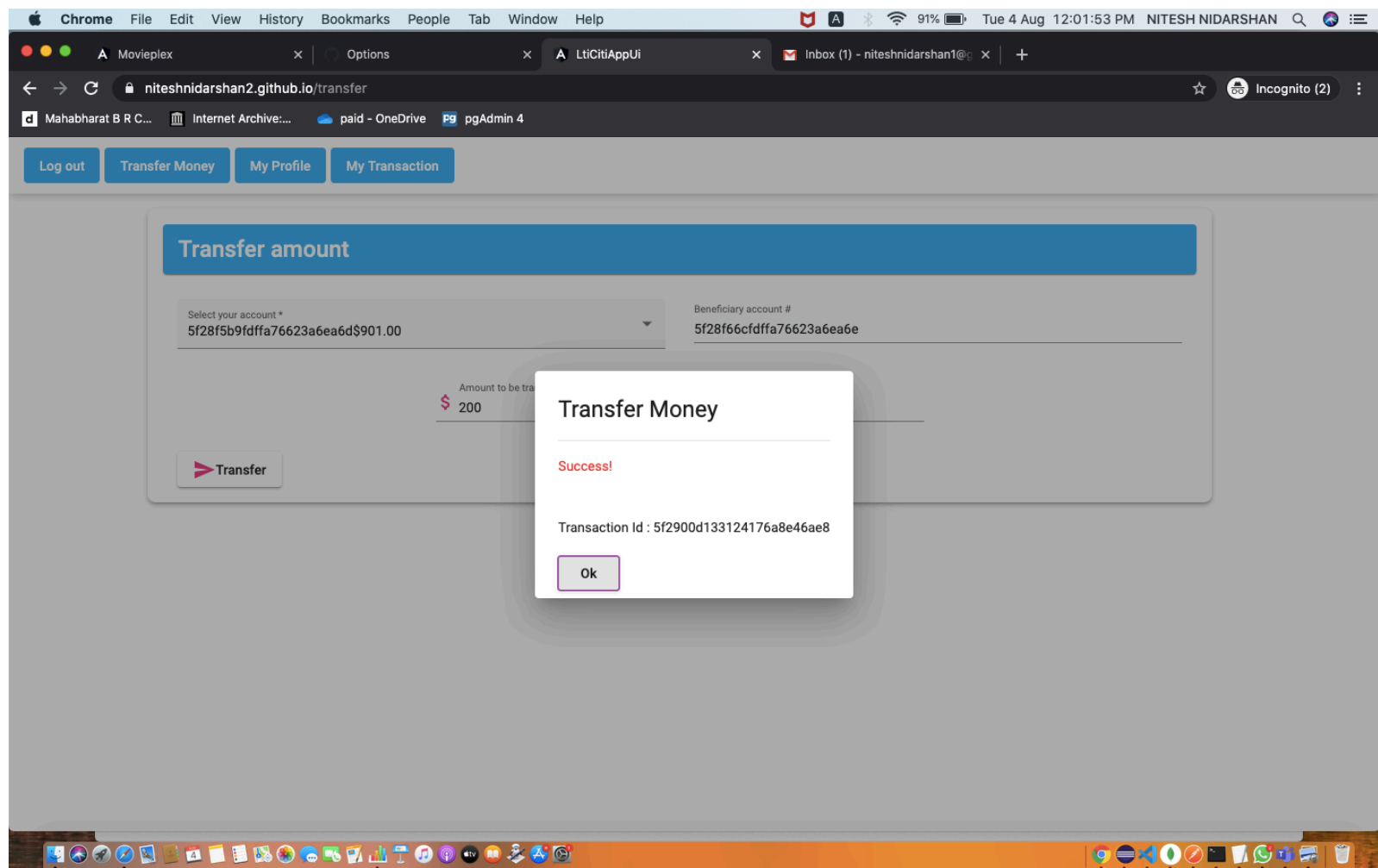
Application is running on : <https://niteshnidarshan2.github.io/>











ChromeFileEditViewHistoryBookmarksPeopleTabWindowHelp

Movieplex

Options

LtiCitiAppUi

Inbox (1) - niteshnidarshan1@...

niteshnidarshan2.github.io/myTransaction

Incognito (2)

Mahabharat B R C...

Internet Archive:...

paid - OneDrive

pgAdmin 4

Log out

Transfer Money

My Profile

My Transaction

Transaction History

Filter

Transaction #	Transaction Type	Sender Account#	Benificier Account#	Amount	transactionStatus	Transaction Date Time
5f28f6a433124176a8e46ae7	DIGITAL	5f28f5b9fdffa76623a6ea6d	5f28f66cfdffa76623a6ea6e	\$199.00	SUCCESS	Aug 4, 2020
5f2900d133124176a8e46ae8	DIGITAL	5f28f5b9fdffa76623a6ea6d	5f28f66cfdffa76623a6ea6e	\$200.00	SUCCESS	Aug 4, 2020

Items per page: 5

1 - 2 of 2

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Chrome File Edit View History Bookmarks People Tab Window Help

Movieplex Options LtiCitiAppUi Inbox (1) - niteshnidarshan1@... +

niteshnidarshan2.github.io/transaction

Mahabharat B R C... Internet Archive:... paid - OneDrive pgAdmin 4

Log out Transfer Money My Profile My Transaction

My Profile

User Name	Email	Mobile	Address	User Type	Status	Profile Created On
Ram G	ramg@ramg.com	1234567890	ayodhya	GENERAL	ACTIVE	Tuesday, August 4, 2020

My Accounts

+ Add Account

Filter

Account #	Account Type	Amount Available	Created On	Last Modified
5f28f5b9dffa76623a6ea6d	SAVINGS	\$701.00	2020-08-04T05:44:25.759+00:00	2020-08-04T06:31:44.780+00:00
5f28f66cddffa76623a6ea6e	MONEYMARKET	\$399.00	2020-08-04T05:47:24.115+00:00	2020-08-04T06:31:45.194+00:00

Items per page: 5 1 - 2 of 2 |< < > >|