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| Batch | MS FSD DEC 2021 Cohort |
| Project Title | **ICIN Bank** |
| Project Submission Date | 03/09/2022 |

**ICIN Bank Project GitHub link -**

https://github.com/purvipatils/Capstone\_Fullstack\_ICIN.git

**ICIN Bank**

DESCRIPTION

Create a dynamic and responsive Java online banking web application to deposit, withdraw, and transfer the money between the accounts.

****Background of the problem statement:****  
ICIN is one of the top banking firms that accepts deposits from the public for the purpose of lending loans to the public. It also invests an amount in securities.  
Recently, the business analysts noticed a drop in the number of customers of the bank. They found out that online banking systems of banks like AXIS and American Express are gaining more profits by eliminating middlemen from the equation. As a result, the team decided to hire a Full Stack developer who can develop an online banking web application with a rich and user-friendly interface.

****Features of the application:****

1. Registration
2. Login
3. Account transactions
4. Transfers
5. Savings details
6. Profile settings
7. Requesting cheque books

****Recommended technologies:****

1. Database management:PostgreSQL
2. Back-end logic: Java programming, SpringBoot framework
3. Front-end development: Angular 14, HTML/CSS.
4. DevOps and production technologies: Git, GitHub, Jenkins

****Admin Portal:****  
It deals with all the back-end data generation and product information.

* Authorize the roles and guidelines for the user.
* Grant access to the user regarding money transfer, deposits, and withdrawal.
* Block the user account in case of any threat.
* Authorize the cheque book requests.

****User Portal:****  
It deals with the user activities.

* Register or log in to the application to maintain a record of activities
* Deposit and withdraw money from the account
* View transactions and balance in the primary and savings account
* Transfer funds between different accounts and add recipients
* Request cheque books for different accounts