

Sachin Singh

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EDUCATION

2015-2021	Int Msc,Mtech at IIT Kharagpur	(GPA: 8.2/10.0)
2014	Class 12th CBSE Board	(Percentage: 82)
2012	Class 10th CBSE	(GPA: 9.8/10.0)

PRODUCT MANAGER — ICICI BANK

Rewards Management system, Cards Distribution, and premium Cards Jan 2021 - present

- Managed the development and implementation of an API for streamlining fee-levy processes, automating customer account activities, and facilitating seamless redemption of reward points via multiple platforms.
- Designed and implemented a highly secure and efficient customer data pipeline by automating the encryption, tokenization of customer data, and integration processes between Bank and R360 platform.
- Developed and implemented a robust API to seamlessly integrate R360 on both Instabiz and CIB applications, extending the functionality of Rewards360 to all CASA customers on multiple platforms.
- Successfully executed a seamless integration of Tap and Pay functionality (on Imobile) to enhance customer experience between select open Network, Com-viva (storage for tokens), and the ICICI Bank.
- Implemented card tokenization solution for secure debit card transactions, encompassing all transactions.
- Implemented integration of Lounge APIs and debit card functionality for onus and offus transactions.
- Developed and implemented a centralized Management Information System (MIS) to efficiently track and monitor card issuance by employees and branches on daily basis to boost the overall card sales.
- Oversaw & streamlined distribution process of cards, ensuring timely delivery to customers and branches.

INDEPENDENT PROJECTS

Darula, Instana and Alpaviraam

[Link to Demo](#)

- Created an ecom platform and social media platform and implemented features enabling seamless account registration, order placement, order fulfillment and order viewing functionalities using MERN stack.
- Developed the website's FrontEnd utilizing ReactJS framework and incorporating technologies such as Material UI, Bootstrap and css Flexbox and also made the UI responsive using css media queries.
- Implemented React hooks such as useState, useEffect, useContext, and useNavigate to facilitate state management within components, dynamically render components upon changes, optimize prop and method propagation using context, and seamlessly navigate between distinct pages.
- Utilized ExpressJS framework to proficiently develop the backend infrastructure, employing CRUD API endpoints for seamless integration with MongoDB database, thereby establishing a cohesive link between the backend and the frontend components of the Application.
- Implemented an efficient API infrastructure using the Express Router framework, seamlessly integrating MongoDB through Mongoose, and developed structured MongoDB schemas for optimal database organization. Employed JSON Web Token (JWT) for authorization mechanisms and ensured enhanced security by leveraging BcryptJS for encryption of user data prior to its storage in MongoDB.
- Developed and deployed a static website for Alpaviraam, a small psychiatric firm, alpaviraam.vercel.app

SKILLS AND TOOLSETS USED

Tools used Vs Code, Git, Linux(Ubuntu),JIRA ,Stack Overflow
Languages and Framework C++, JavaScript, Python,React, Express, MongoDB, NodeJS.