

CASE STUDY OF

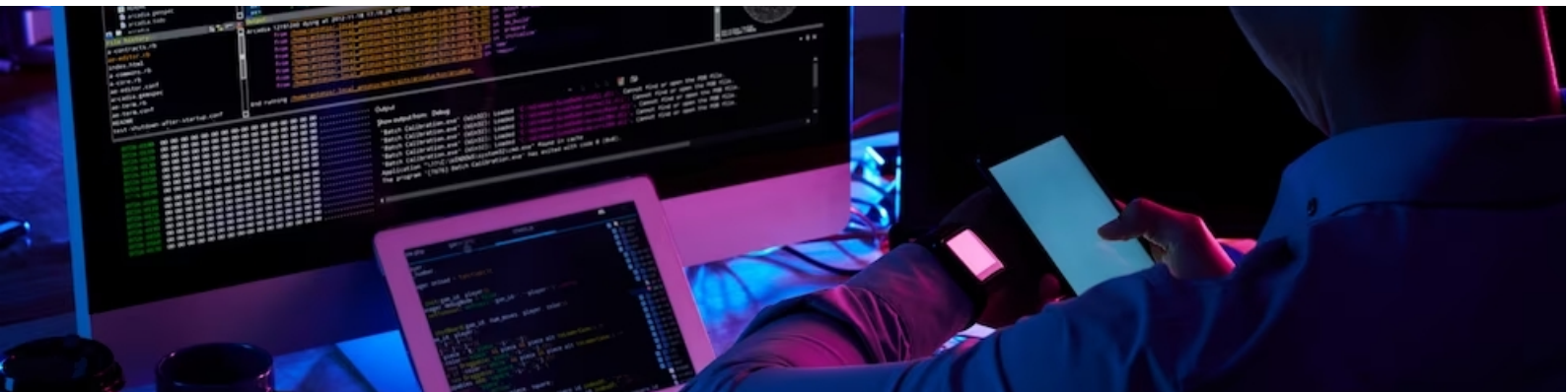
APPLICATION DEVELOPMENT AND TESTING FOR API MARKETPLACE

One of the largest organizations for operating retail payments and settlement systems in India

The client is a specialized division created by central bank of India for operating retail payments and settlement systems in India. Skillmine is providing Development and Testing services for enhancing the features of Application-Gateway on their Nfinite Portal to host payment related products (APIs). Additionally, Skillmine team is building innovation lab platform to host their fintech products dynamically on the portal.

Overview

-  Nfinite Project is a web portal for an API marketplace which facilitates the upload, deployment and subscription of those APIs on basis of various categorization and use-cases.
-  The portal allows Providers from different organizations to upload their product, Consumers to subscribe the products hosted by various providers and the client's Admin to add new providers, approve and review products submitted by the provider before they are published for the consumer.
-  The client's Admin, Providers and consumer can monitor and analysis the usage performance of the products through the “Analytics” page in the portal. It also has a community forum section to increase engagement and exchange of solutions between all the parties involved.



Business Challenge



Complex functionality:

The app needed to provide clients with a comprehensive view of their investments and financial performance, including real-time market data and personalized investment advice.

Security:

The app needed to be secure to protect clients' sensitive financial data.



Cross-platform compatibility:

The app needed to be developed for both iOS and Android platforms, which required the use of a cross-platform development framework.

Integration with multiple payment systems:

The app needed to integrate with multiple payment systems, including UPI, IMPS, and Bharat Bill Payment System, to provide users with a seamless and unified experience.

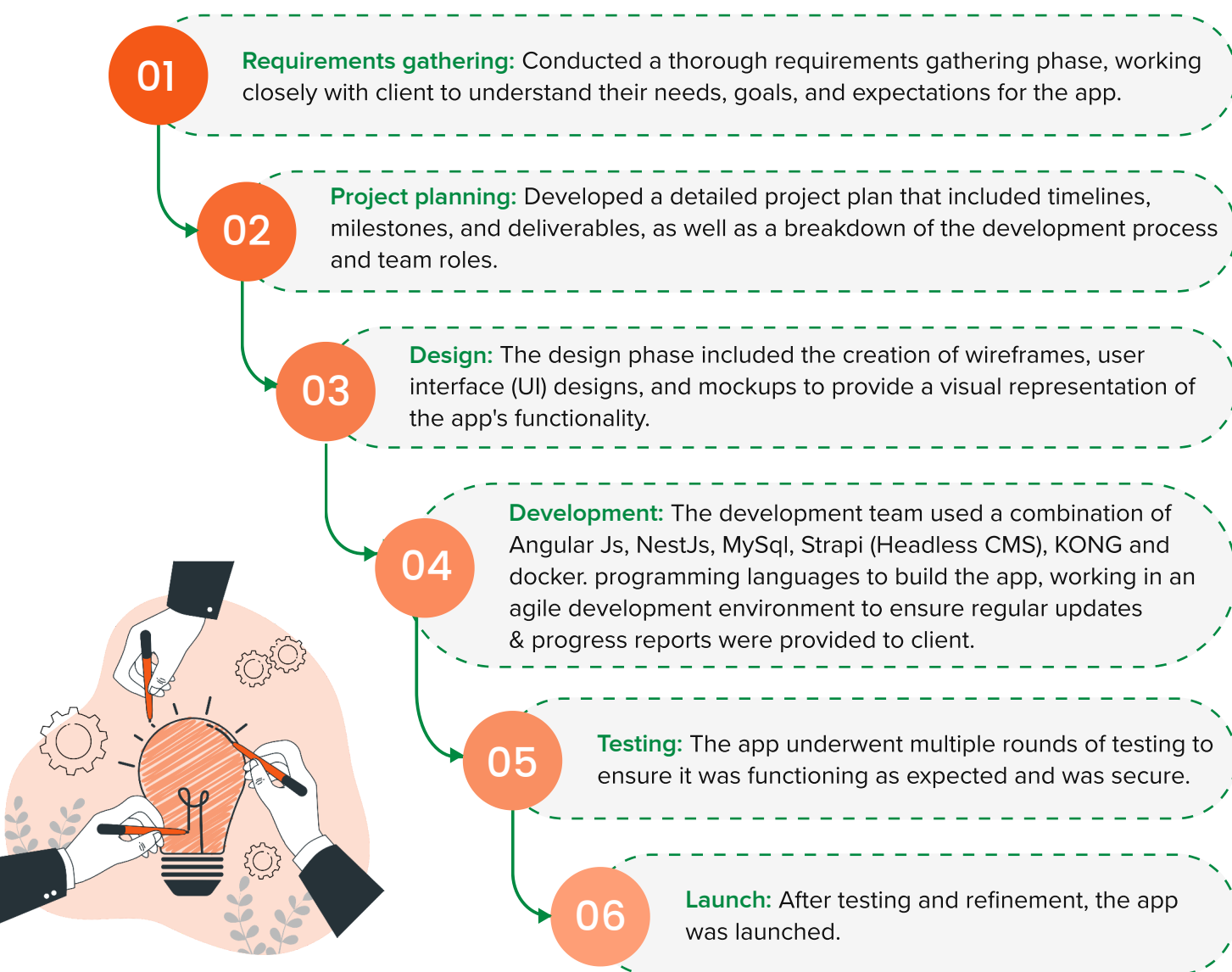


Scalability:

The app needed to be scalable to accommodate a growing user base and increasing transaction volume.

Skillmine Approach

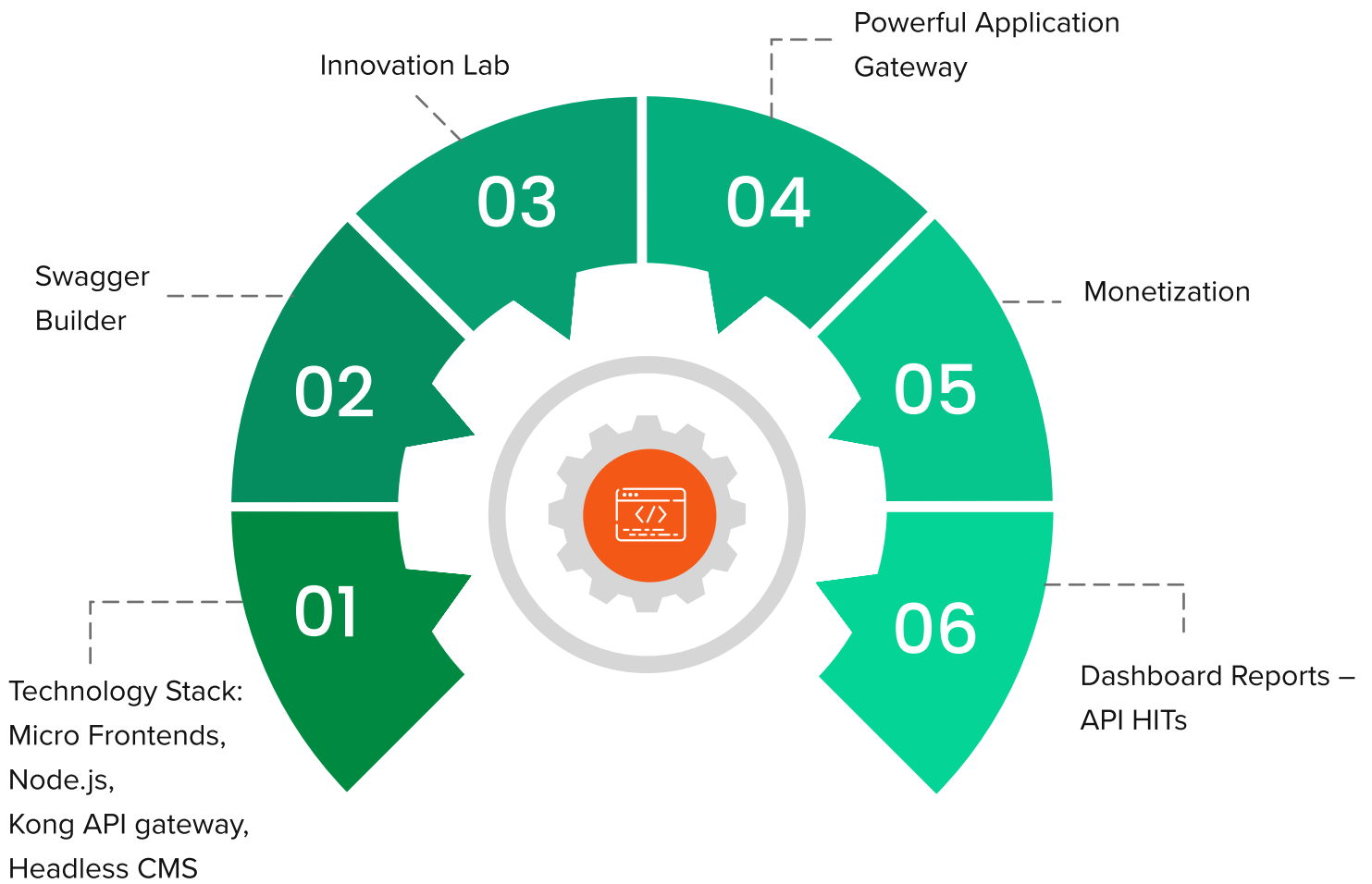
Team followed a structured development process to ensure the success of the Nfinite Portal app. The process included:



Business Drivers

- API management for Fintech Products:** Consumer Flow, Provider Flow, Admin Flow.
- Quickly host products thru Swagger Builder:** When a Provider is adding a product, they have an option to either upload a swagger file containing all their APIs which gets validated before uploading or build their own swagger file by filling out a step-by-step form according to their APIs.
- Communication:** Regular communication was key to the success of the implementation. The team provided regular progress reports and updates, and customer provided feedback and guidance throughout the development process.
- Training:** Provided training to clients' staff to ensure they could use the app effectively and provide support to users.
- Ongoing support and maintenance:** Provided ongoing support and maintenance to ensure the app continued to function as expected and remained secure.

Capability & Competency



For more information,
contact: info@skill-mine.com
visit our site: www.skill-mine.com

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