

# From Concept to Web Excellence: Transforming Gamified Financial App

Learn how Innovecs developed a scalable web application for a gamified financial platform, improving stability and reducing backend inefficiencies while optimizing infrastructure.

## Industry

High Tech

## Location

USA

## Project Duration

1.5 years

## Cooperation Model

Full-cycle project development

## Team Composition

QA Engineers, Frontend and Backend Developers, DevOps Engineer, Solution Architect, Project Manager

## Expertise Delivered

Cloud & Infrastructure, DevOps, Quality Assurance & Testing, Software Development

## Technologies & Tools Used

DOCKER

NODE.JS

REACT

TYPESCRIPT

VITE

# About Customer

Our client operates a gamified financial platform that allows users to make predictions on stock and cryptocurrency price trends. The company caters to global markets, including India, the USA, and the EU.

# Project Summary

The client approached us with a concept and a basic design for a mobile application, aiming to expand it to a robust web platform. Leveraging Innovecs' expertise in web development and infrastructure optimization, we delivered a scalable and reliable solution, ensuring seamless operation and user satisfaction.

# Challenge

The client faced multiple challenges, including the need to transition from a mobile-centric design to a full-fledged web application. There were also many infrastructure inefficiencies, requiring optimization for scalability and automation. The platform also had a poorly optimized legacy backend, causing instability and high maintenance efforts.

# Solution

Our team developed a stable, high-performing web application that adhered to the client's vision while resolving existing backend issues.

## Key solutions included:

- ❏ Migrating the client's initial designs and plans into a fully functional and interactive web platform;
- ❏ Optimization of the infrastructure through automation to reduce manual intervention and ensure streamlined updates.
- ❏ Enhancing backend stability and scalability to support growing user demand.

# Technologies Used

DOCKER

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# Results



## Scalable web application

successfully deployed to production, meeting the client's requirements.



## Automated processes

minimized the reliance on manual work.



Backend optimizations improved

**stability and reduced maintenance efforts.**



Legacy code was significantly improved, resulting in

**enhanced performance and reliability.**



Seamless and responsive web experience

**increased the overall user satisfaction.**

# Business Value

## » **Optimized Workflows:**

Automating infrastructure and backend processes streamlines operations, improving efficiency and reducing the risk of human error.

## » **Improved User Experience:**

Enhanced platform responsiveness and usability provide a seamless experience for global audiences, increasing satisfaction and engagement.

## » **Future-Ready Platform:**

A platform designed for future integrations and feature expansions enables businesses to stay ahead of competition and rapidly respond to industry changes.

## » **Scalability:**

The ability to accommodate increasing user demands and evolving business needs ensures flexibility and long-term growth potential.

## » **Reliability:**

Stable and efficient systems minimize downtime, ensuring consistent performance and uninterrupted service, which builds customer trust.

## About Innovecs

Innovecs is a global digital services company operating in the US, the UK, the EU, Israel, Australia, and Ukraine. We operate as a parent company, offering a tech-driven ecosystem of expertise, services, and solutions through specialized sub-brands: Innovecs High Tech, Innovecs Supply Chain, Innovecs Games, and Innovecs Play.



## Quick facts

13

Years of cross-industry experience

25

Delivery locations worldwide

650+

Highly skilled developers, engineers, architects

150+

Happy clients

92%

NPS score

127%

Business growth over the past three years

## Representative Offices

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## Contact us

