

Blockchain: Digital Marketplace to buy and sell cryptocurrencies

Services Provided

- Brainstorming and Feature Assessment
- Design, Planning and Development
- AWS Architecture Design
- Deployment of the customer app on AWS Platform

Business Outcomes

The OnStak team developed an application that was capable of trading blockchain. The customer achieved an in-built application that had the below mentioned capabilities:

- Digital marketplaces for direct buying and selling of cryptocurrencies
- Secured and transparent transactions without middlemen
- Reduced settlement times, minimized risks, and enhanced transparency
- Converted traditional assets into digital tokens on the blockchain
- Enabled direct peer-to-peer trading of digital assets
- Transparent and immutable ledger for monitoring trading activities
- Improved Transparency
- Reduced Fraud and Cybersecurity Risks
- Compliance and Auditing
- Efficient Cross-Border Transactions
- Cost Savings through Automation
- Improved Traceability

Background

The customer, an organization that endorses, empowers, and elevates positivity with the customer mobile application.

The customer team required a scalable, high-performance application that would eventually lead the market with Solana trading.

Their primary challenges were to develop a user-friendly platform, to cater third-party solutions (Triangle Wallet and Stripe payment gateway), and to maintain the user wallet's secure transactions.

Solution

To achieve the customer goals, the OnStak team proposed the following approach:

- Design and create UI/UX.
- Integration of Triangle wallet on the customer App.
- Integration of Stripe Payment Gateway within the App.
- Design and deployment of a scalable AWS to handle 10,000 concurrent users.

