



For a fintech firm enabling micropayments

We enabled seamless micropayments with a secure digital payment platform powered by **blockchain.**

A Ccube Case Study



Problem Statement

Fixed fees from traditional payment rails make \$0.01–\$5 transactions economically unviable for merchants.



High Transaction Costs Make Micropayments Unprofitable

Subscription Models Replace True Pay-Per-Use



Businesses are forced into bundled pricing, blocking granular, usage-based monetization.

Multi-day settlement cycles create liquidity pressure for merchants who need real-time revenue access.



Slow Settlements Hurt Merchant Cash Flow

Web3 Is Too Complex for Mainstream Users



Crypto wallets, key management, and blockchain transactions remain out of reach for non-technical merchants and consumers.

Businesses run separate systems for POS, online payments, crypto, and invoicing with no unified layer.



Fragmented Tools Create Operational Overhead

Solution

Micropayments Made Easy

Blockchain-powered payments as low as \$0.01, eliminating cost barriers for micro-transactions.



Instant Settlement

On-demand payouts replacing multi-day settlement cycles.

Unified Payment Acceptance

In-store QR codes, online plugins, and SDKs across a single platform.



Secure & Private

Biometric authentication, public private key infrastructure, and encryption at rest.

Easy Merchant Onboarding

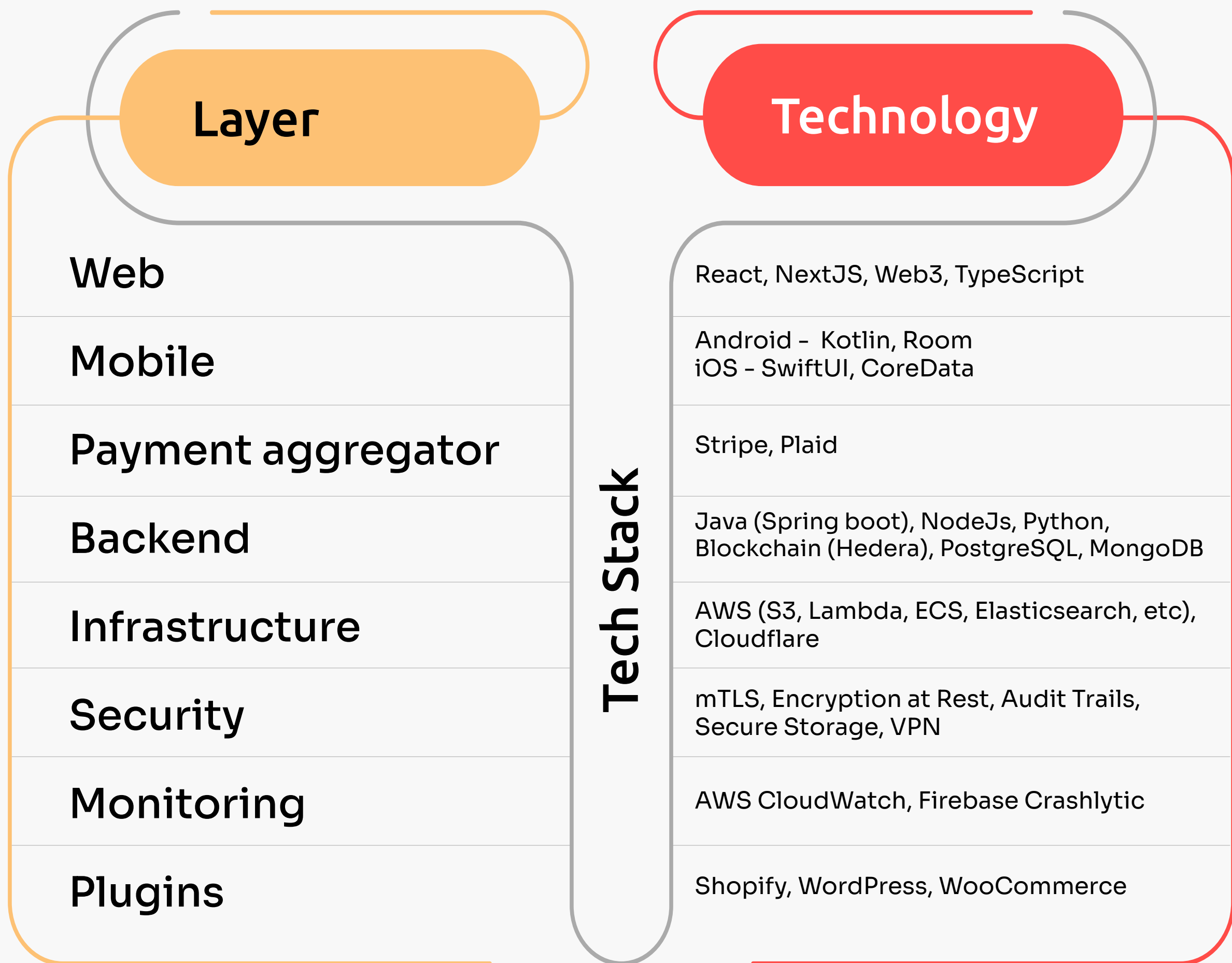
No-code plugins for Shopify, WordPress, and WooCommerce, plus a sandbox for testing before going live.



Web3 Ready

WalletConnect, DeFi, and NFT support for merchants and users adopting decentralized finance.

Technology Stack



Core Platform Components

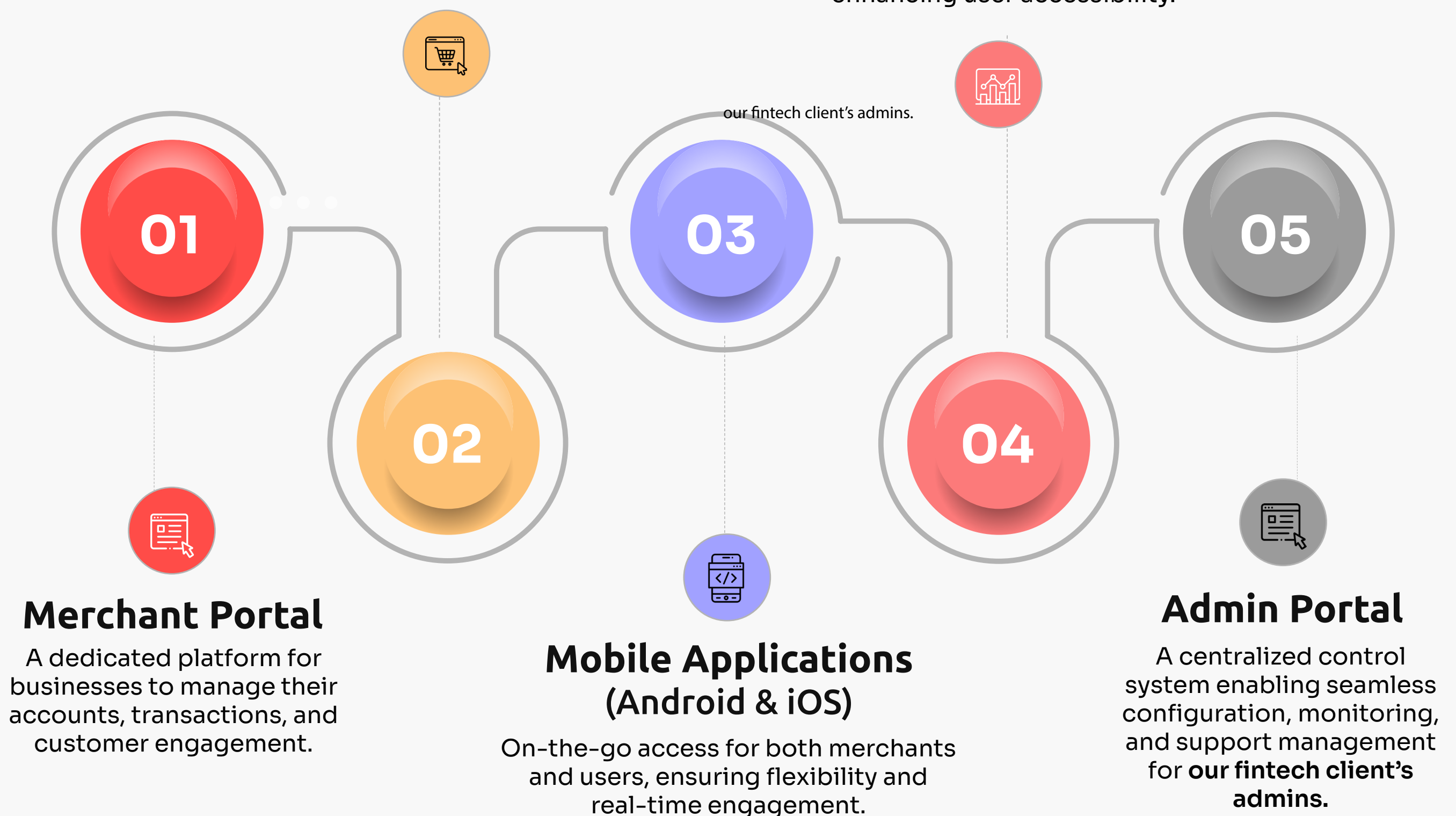
Our fintech client's has established a strong market presence with a diverse product ecosystem that caters to multiple stakeholders and touchpoints:

E-commerce Plugins (Shopify, WordPress, WooCommerce)

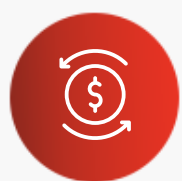
Pre-built integrations that allow quick adoption within leading online retail platforms, driving faster onboarding and broader reach.

Browser Extensions (Chrome, Safari, Firefox, Edge)

Lightweight, easy-to-install tools that extend our fintech client's functionality directly into popular web browsers, enhancing user accessibility.



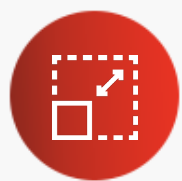
Impact



99%+ reduction in transaction costs



Real-time settlements (seconds instead of days)



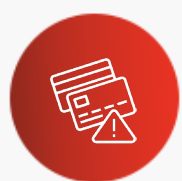
High **scalability** for micropayments



Frictionless user payment experience



Reduced customer **onboarding time by 40%** through automated identity verification and data prefill.



Reduced **identity fraud by 30%** with real-time identity verification.



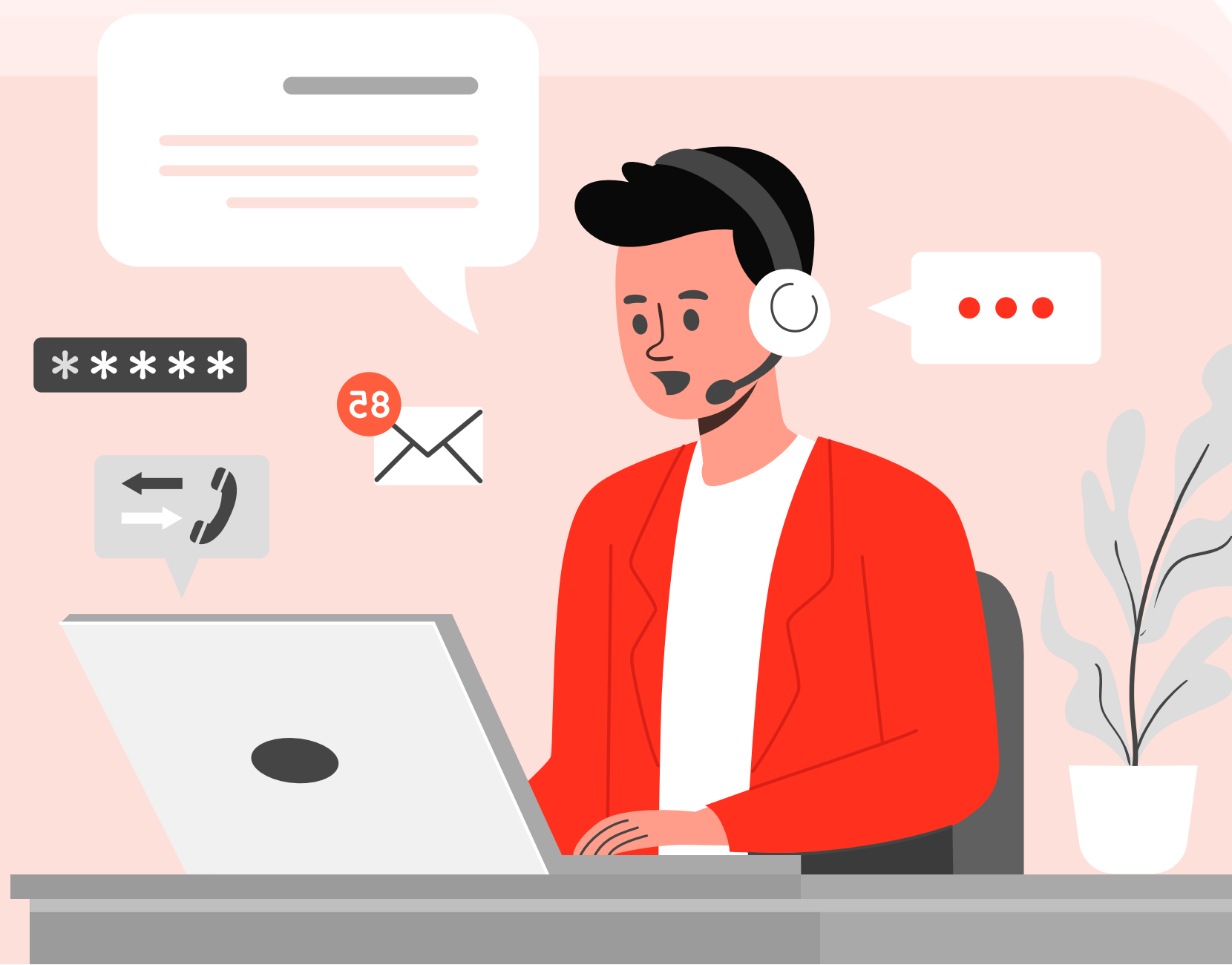
Want to build something similar?

Let's explore

how AI can power your next-generation payment platform

Get in Touch:

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Process

