

Xaivery Rusconi

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iOS & Web Developer

Passionate mobile and web developer focused on building and shipping real-world applications across iOS and web platforms. Experienced in delivering production-ready systems involving real-time communication, payments, security, and cloud infrastructure. Strong problem-solver with hands-on experience taking products from concept to deployment.

Experience

iOS Developer – Encrypta Chat

2023 - Present

- Developed and deployed Encrypta Chat, a fully functional end-to-end encrypted messaging app using Firebase as the backend.
- Used CommonCrypto and CryptoSwift to generate AES-256 encryption keys from user UUIDs, stored securely in Keychain.
- group chats, audio calls, synchronized msg deletion and encrypted message storage at rest.
- Created Cloud Functions (Node.js) to send real-time notifications and update badge counts on recipient devices.
- Integrated Amazon S3 for encrypted image uploads; stored object keys in Firebase for secure retrieval and display.
- Designed animated UI elements, including pulsating sign-up text and sliding new message indicators for better user interaction.
- Added user features: customizable usernames, anonymous sign-in, email authentication, and user blocking.

Tech: Swift, SwiftUI, Firebase, Node.js, CryptoSwift, CommonCrypto, Amazon S3.

Full-Stack Developer – Restaurant Ordering System

Nov 2024 – Present

- Built and deployed a production-grade restaurant ordering system with multilingual (EN/FR) support, optimized for pickup-only workflows
- Implemented Stripe Checkout with secure webhooks, asynchronously persisting paid orders via checkout.session.completed
- Designed and migrated a relational MySQL schema using migrations, ensuring parity between local and production (JawsDB) environments
- Developed a real-time admin dashboard with authentication, live order polling, order status management, and operational visibility
- Implemented audio and visual order notifications, optimized for iPad-based in-store dashboards
- Built a dynamic menu, cart, and checkout using AJAX for real-time updates without page reloads
- Implemented complete checkout logic including taxes, tipping, pickup scheduling, and validation

Tech: CakePHP, PHP, MySQL, Stripe API, JavaScript, Chart.js, CSS, HTML, JSON, AJAX

Additional Projects:

M+D Global – Medical supplies inventory management system with full CRUD operations.

GameZone – Video game review website with user authentication, article likes, and comments.

DragonMovingCo. – Professional moving service web app with booking, quote requests, and responsive design.

Skills

Mobile: Swift, SwiftUI, Firebase, Push Notifications, Real-Time Messaging, Apple Store Deployment

Backend & Web: PHP, CakePHP, JavaScript, MySQL, REST APIs, Stripe API, AJAX

Security: End-to-End Encryption, AES-256, Keychain, Authentication, Secure Webhooks

Cloud & Tools: Firebase, Node.js, Amazon S3, Git, JSON, Heroku