

Xaivery Rusconi

☎ 1-403-671-2384

✉ XaiveryR@outlook.com

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iOS & Web Developer

Delivering production-grade iOS and web applications with real-time workflows, end-to-end encryption, and cloud APIs. Experienced in architecting scalable, secure systems under live production conditions, with hands-on expertise taking products from design to deployment. Committed to delivering high-performance, reliable, and maintainable systems.

Experience

iOS Developer – Encrypta Chat

2023 - Present

- Architected and shipped Encrypta Chat, a production-ready, end-to-end encrypted iOS messaging app powered by Firebase APIs.
- Designed secure messaging workflows with Firebase Authentication, real-time data sync, and push notifications supporting private chats, group messaging, and coordinated message deletion.
- Implemented AES-256 encryption for sensitive client data using CommonCrypto, selectively leveraging CryptoSwift for higher-level abstractions and testability.
- Securely generated, stored, and managed cryptographic keys via iOS Keychain Services API, enforcing strict key lifecycle boundaries.
- Developed backend logic using Node.js Cloud Functions to handle real-time notifications, unread message tracking, and per-conversation badge counts.
- Integrated Amazon S3 for encrypted media storage and retrieval, coordinating secure access through Firebase-managed metadata and permissions.
- Built responsive, animated SwiftUI interfaces emphasizing performance, state management, and seamless user experience in real-time scenarios.

Tech: Swift, SwiftUI, Firebase (Auth, Firestore, Cloud Functions, Storage), Node.js, REST APIs, Amazon S3, CommonCrypto, CryptoSwift

Full-Stack Developer – Restaurant Ordering System

Nov 2024 – Present

- Architected and deployed a production-grade multilingual (EN/FR) restaurant ordering system optimized for high-volume pickup workflows.
- Integrated Stripe Checkout with secure webhooks, ensuring reliable, asynchronous persistence of paid orders and transactional integrity.
- Designed and maintained a relational MySQL schema with migrations, guaranteeing consistency across local and production (JawsDB) environments.
- Developed a real-time admin dashboard with authentication, live order tracking, status management, and operational analytics.
- Implemented audio-visual order notifications tailored for iPad dashboards, enhancing operational efficiency and in-store UX.
- Built dynamic menu, cart, and checkout workflows using AJAX with complete logic for taxes, tipping, and pickup scheduling.

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

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

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

Frontend: HTML, CSS (responsive layouts), JavaScript

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

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