

# Isaac Melendez

Software Engineer  
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## Profile

Versatile and results-driven Software Engineer with 11+ years of experience building and maintaining complex banking and fintech applications. Proficient in C#, .NET, HTML/JavaScript, with strong problem-solving skills and a commitment to high-quality, testable code. Skilled in mentoring junior developers, leading initiatives, and collaborating across teams to deliver reliable software. Open to remote, hybrid, or onsite opportunities.

## Professional Experience

### Hyosung America – Miamisburg, OH

Software Engineer | 2020 – Present

- Built customized ATM and TCR (cash recycler) applications for major U.S. financial institutions.
- Developed and maintained UI and business logic in C#, XAML, and .NET; migrated screens from XAML to HTML/JavaScript.
- Collaborated with QA, product, and hardware teams to ensure security, performance, and compliance.
- Led onboarding of junior developers and improved code quality through structured reviews and testing practices.
- Impact: Reduced bugs by 15% and improved delivery timelines.

### TEKsystems (Contracted to Hyosung America) – Miamisburg, OH

Software Developer | 2019 – 2020

- Contributed to ATM software development in a high-security, regulated environment.
- Assisted with integration of hardware modules and customer-specific UI workflows.

### Banco Nacional de Costa Rica (BNCR) – San José, Costa Rica

Software Developer | 2015 – 2019

- Developed and maintained enterprise banking systems, including intranet, online banking, and mobile platforms.
- Built web and mobile features using C#, .NET, HTML5, JavaScript, and WCF services.
- Led developer training and onboarding, enhancing team velocity and code consistency.
- Highlight: Part of the launch team for BN My Bank (iOS), delivering robust Objective-C mobile features.

## Education

Universidad Fidélitas – San José, Costa Rica Bachelor's in Computer Systems Engineering | 2012 – 2015

## Certifications

- Certified Scrum Master – Scrum Alliance
- Certified Scrum Master – International Scrum Institute
- Mobile App Development (Objective-C) – CTEC
- Angular – Universidad CENFOTEC
- C# Development – Mosh Hamedani

## Selected Projects

- BN My Bank (iOS App): Developed key mobile banking features using Objective-C.
- HTML-based ATM Screen Overhaul: Rebuilt ATM screen flows using HTML/JavaScript, improving maintainability and UX.
- ATM Security Infrastructure: Implemented secure kiosk environments using BitLocker, whitelisting, and hardened shell apps.

## **Skills**

- Languages: C#, JavaScript, HTML5, TypeScript
- Frameworks & Libraries: .NET, WPF, MVC
- Tools & Tech: SQL Server, WCF, XML, XAML
- Practices: Agile/Scrum, Secure Coding, Code Review & Mentorship

## **Languages**

- English: Fluent
- Spanish: Native

## **Additional Information**

US Citizen Open to remote, hybrid, or on-site work