

# Eric Cotrina

## Software Developer

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## PROFESSIONAL SUMMARY

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Full-Stack Software Developer specializing in modernizing legacy systems, building scalable .NET applications, and designing high-performance REST APIs. Proven track record delivering enterprise solutions used by 40,000+ users and managing real-time integrations for 50,000+ IoT devices. Experienced technical lead who improves system reliability, enhances performance, and accelerates delivery through clean architecture and strong collaboration with cross-functional teams.

## TECHNICAL SKILLS

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**Core Technologies:** C#, .NET Core/MVC, Razor, Web Forms

**Database:** SQL Server, T-SQL, LINQ, Entity Framework

**Cloud & DevOps:** Azure DevOps, CI/CD, GitHub

**API Development:** REST APIs, OAuth 2.0, JWT, JSON, XML

**Frontend:** JavaScript, TypeScript, HTML, CSS

**Mobile:** React Expo, Capacitor

**Tools:** Visual Studio, Visual Studio Code, SSMS, Postman, GitHub Copilot, Claude, Chat GPT

**Methodologies:** Agile, Scrum, Object-Oriented Programming

## PROFESSIONAL EXPERIENCE

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### Ituran USA | Senior Software Developer

Fort Lauderdale, FL | 11/2023 - 10/2025

- Migrated and refactored legacy Classic ASP and VB.NET systems to C#/.NET Core, reducing maintenance overhead and improving deployment reliability
- Architected and developed full-stack enterprise solutions utilizing C#, .NET and SQL Server
- Designed and implemented RESTful APIs enabling seamless third-party integrations with Avalara, KORE Wireless, and Telit Next platforms, supporting real-time tracking of 50,000+ concurrent devices
- Designed and implemented OAuth/JWT authentication across web and API applications, strengthening security and reducing unauthorized access issues
- Architected scalable, maintainable solutions by applying object-oriented design principles, improving code quality and reducing refactoring efforts across multiple projects
- Managed project tasks and sprint tracking using Zoho Projects for team coordination and delivery milestones
- Collaborated with business units to understand needs, gather requirements, control scope, testing, release and post-release

### Ituran USA | Software Developer

Fort Lauderdale, FL | 10/2020 - 11/2023

- Supported, migrated, and enhanced .NET web and mobile applications
- Developed cross-platform mobile applications using React Native, Cordova, and Capacitor
- Built secure, maintainable web applications utilizing ASP.NET MVC, .NET Core, Razor, Entity Framework, JavaScript, TypeScript, HTML, and CSS integrated with SQL Server
- Implemented Kendo UI JS to accelerate development by 30%, creating dynamic grids that enabled displaying data and executing functions to hardware devices (GPS units)
- Proficient in version control systems, including Azure DevOps and GitHub
- Developed and optimized SQL Server stored procedures, functions, and views

## PROFESSIONAL EXPERIENCE (CONT'D)

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### **Broward College | Senior Web Developer**

Fort Lauderdale, FL | 01/2013 - 04/2020

- Designed and developed user-friendly, efficient, and scalable web applications serving 40,000+ students and faculty members
- Built full-stack applications with C#, ASP.NET Web Forms, .NET Core, MVC Framework, SQL Server, JavaScript, and responsive HTML/CSS (Bootstrap)
- Administered SharePoint solutions and created custom web parts per user needs
- Managed SharePoint development, IIS administration, Windows Server support, and system integrations
- Utilized Nintex to create SharePoint workflows to automate business processes such as creating custom forms to gather user signatures to approve or reject requests
- Developed and validated UI/UX prototypes using Axure RP and Photoshop, directly improving website information architecture and user navigation paths.
- Committed to delivering high-quality, reliable, and efficient applications that adapt to evolving client requirements

### **Broward College | Web Support Specialist**

Fort Lauderdale, FL | 12/2010 - 12/2012

- Designed and developed accessible web pages using HTML, CSS, and JavaScript with focus on ADA compliance and security standards
- Provided web support with diverse responsibilities including web design, development, and content editing
- Conducted ADA compliance checks and implemented fixes for website accessibility
- Managed ticket requests, troubleshoot and resolved user-reported issues in coordination with IT department

## EDUCATION

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### **Bachelor of Science in Information Technology**

ITT-Technical Institute, Fort Lauderdale, FL

Graduated: 2010

### **CompTIA A+ (IT Technician)**

CompTIA

Issued: 2008

Credential: [COMP001007031552](#)

## PROJECTS

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### **TempoCalc - Music Producer Utility**

- Built using React Native (Expo), TypeScript, and component-based architecture; implemented state management and responsive UI; published to iOS and Android stores
- Website: [tempocalc.app](https://tempocalc.app)

## ADDITIONAL INFORMATION

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**Interests:** Music production, trying new restaurants, learning new technologies