



# JOSE MARIA IRIARTE

SOFTWARE DEVELOPER | C#, .NET, Typescript, Angular, AWS/Azure

## CONTACT

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## PORTFOLIO

GitHub  
<https://github.com/tigerbluejay>

Dev.to  
<https://dev.to/josemariairarte>

Codewars  
<https://www.codewars.com/users/tigerbluejay>

## PROFESSIONAL SKILLS

- C#
- .NET Framework 4.5 / .NET 6 - 9
- ASP.NET Core MVC
- ASP.NET Core Web API
- RESTful APIs
- Typescript
- Angular 17-19 / RxJs
- Visual Studio / VS Code
- Object-Oriented Programming (OOP)
- SOLID Principles & Design Patterns
- Structured Query Language (SQL)
- Object-Relational Mapping (ORM) – Entity Framework
- Language Integrated Query (LINQ)
- Code Refactoring
- Unit Testing
- GitHub
- Version Control (Git / TortoiseSVN)
- Agile Methodologies
- Communication
- Cloud Computing (AWS/Azure)
- Command Line / Bash

## PROFESSIONAL SUMMARY

I'm a proficient bilingual English-Spanish, .NET developer with extensive expertise in creating dynamic, scalable solutions. Skilled in C# for .NET Framework and .NET Core, I've contributed to creating MVC web apps, APIs, and desktop apps in collaborative and independent settings. I'm fluent in Typescript and Angular, including RxJs, and have experience integrating Angular clients with .NET API backends. I excel in EF Core, SQL Server, and LINQ for efficient data handling, and I have worked with AWS cloud computing services and have comprehensive training on Microsoft Azure. Committed to software quality, I prioritize testing, refactoring, and code reviews. Agile-savvy, I thrive in sprint-based development and communication with US clients and global stakeholders, ensuring project success. I'm currently seeking a senior .NET developer position where I can contribute my cloud and full-stack expertise to high-impact projects.

## RECENT PROFESSIONAL EXPERIENCE

### Professional Development, Independent Projects

Nov 2020 – Present

- Developed 10+ original applications using .NET and TypeScript, including standalone MVC apps and web APIs in .NET and Node.js.
- Authored 20+ technical and leadership thought programming articles on LINQ, MVC, REST APIs, DS&A in C#, and AI-generated C# Design Patterns, as well as career advice and industry strategy pieces.
- Solved 300+ algorithm challenges in C# on Codewars, strengthening skills in data structures and algorithmic thinking.
- Gained hands-on experience with Angular, design patterns, and clean code practices through project-based learning.

⚙ Technologies used: .NET Core, .NET MVC, REST APIs, LINQ, Design Patterns, SQL Server, Typescript/C#-Angular/.NET Integrations.

### Founder and Software Developer, Octal Stream LLC/Sigmacasts

Oct 2017 – Nov 2020

- Architected and deployed a cloud-based platform using AWS services—Lightsail (VMs via CLI), S3 (storage), SES (email), and Route 53 (DNS)—to support scalable, secure user experiences.
- Integrated diverse third-party services including Stripe for payments and SMTP Mailer for transactional emails.
- Designed and delivered online courses in HTML, CSS, JavaScript, and C#, managing content delivery, access control, and automation workflows.
- Implemented custom authentication and authorization layers, securing premium features and managing user subscriptions.
- Oversaw UX optimization across media formats, ensuring performance and responsiveness for audio/video-based content.

⚙ Technologies used: Wordpress, AWS Cloud Services (Route 53, SES, Lightsail VM, S3 Object Storage), C#, HTML, CSS, SQL

### Ssr. Software Developer, Advertmind

Mar 2017 – Sep 2017

- Developed back-end modules for a large-scale desktop application as part of a multidisciplinary R&D team.
- Implemented C# components from technical specs and team planning sessions, contributing to new features and performance improvements.
- Participated in Agile ceremonies including daily stand-ups, time estimations, and post-mortem reviews.
- Refactored legacy code and migrated core functionalities from bare specifications to C#, enhancing maintainability and consistency.
- Wrote unit tests and collaborated with QA and functional analysts to ensure software quality.

⚙ Technologies used: Agile Methodologies, .NET Framework, C#, MVP/MVC, SQL Server, Desktop Application Architecture, TortoiseSVN, Bash

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## Software Developer, Join Interactive

Sep 2015 – May 2016

- Designed, architected, and implemented full-stack technical solutions for U.S.-based clients, including preference centers and custom web applications.
- Developed and tested dynamic web interfaces and relational databases, tailoring each solution to project requirements and brand guidelines.
- Debugged and refactored legacy C# .NET codebases to improve performance, maintainability, and alignment with best practices.
- Worked directly with American stakeholders, gathering requirements, defining scope, and presenting solutions in English to clients and cross-functional teams.

⚙ *Technologies used: Ampscript, C#, .NET Framework, PHP, HTML, CSS, Git, Bash, Salesforce, SQL Server*

## IT Consultant (Contract), Tectonica Digital Campaign Solutions Aug 2014 – Mar 2015

- Provided technical consulting across four key areas: software development, internal documentation, client onboarding and training, and content creation.
- Delivered technical training sessions and onboarding support to non-technical clients, simplifying complex workflows and tools.
- Created internal process documentation and wrote blog content and product-focused materials for external communication.
- Contributed to projects using Git, Bash, and Bitbucket, with a focus on collaborative workflows and rapid delivery.

⚙ *Technologies used: Laravel Framework, PHP, HTML, CSS, Git, Bash, BitBucket, MySQL, Wordpress, Nationbuilder*

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## FORMAL EDUCATION

### Georgetown University, Washington, DC

Visiting Student – Computer Science and Mathematics | Jun 2016 – Aug 2016

- Visiting Student Scholarship (Summer 2016)
- Linear Algebra y C++ Coursework

### Johns Hopkins University, Baltimore, MD

Master of Arts – Political Science | Sep 2006 – May 2012

- Doctoral Fellow in Political Science (2006-2012)
- Major Field: International Political Economy and International Relations Theory
- Minor Field: American Political Development and American Political Institutions

### Colorado College, Colorado Springs, CO

Bachelor of Arts – International Political Economy, *summa cum laude* | Sep 1999 – Aug 2002

- International Student Grant (1999-2002)

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## COMPLEMENTARY ACADEMIC & TEACHING EXPERIENCE

### Asociación Civil Responde, Argentina

Researcher – Social & Economic Development | 2012 – 2013

### Johns Hopkins University – Center for Talented Youth, USA

Instructor – International Politics | 2012

Teaching Assistant – International Politics | 2010

### Johns Hopkins University, USA

Guest Lecturer – Comparative Politics | 2010

Teaching Assistant – Comparative Politics | 2010

### Berlitz School of Languages, Argentina

Instructor – English & Business English | 2007

### Colorado College, USA

Teaching Assistant – Economics of International Finance | 2001 – 2002

Tutor – Intermediate Macroeconomic Theory | 2001 – 2002

## IT CERTIFICATIONS

### C#, .NET Framework, and Object-Oriented Programming | 2022

LinkedIn Skills Assessments – LinkedIn

### Advanced Web Programmer / Programador Web Avanzado | 2014

Universidad Tecnológica Nacional, Argentina

### Professional Webmaster | 2013

Universidad Tecnológica Nacional, Argentina

## LANGUAGES AND LANGUAGE CERTIFICATIONS

<b>Spanish:</b>	Bilingual
<b>English:</b>	Bilingual
<b>Italian:</b>	Advanced
<b>German:</b>	Intermediate
<b>Japanese:</b>	Elementary
<b>French:</b>	Elementary

### Diplôme d'études en langue française (A2) | 2012

Centre International d'Études Pédagogiques (CIEP)

### Zertifikat Deutsch (B1) | 2005 / Renewed 2023

Goethe-Institut, Schweizer

Erziehungsrektorenkonferenz, WBT Weiterbildungstestsysteme

### Certificato di Competenza in Lingua Italiana (B2) | 2004

Italian Institutes of Culture, Ministry of Foreign Affairs of Italy, Società Dante Alighieri

### Nihongo Nōryoku Shiken Yonkyū (Japanese-Language Proficiency Test N4, A2 Equivalent) | 2004

Japan Foundation, Ministry of Education of Japan, JEES

## PROFESSIONAL REFERENCE LETTERS

### Hernán Prestía - Advertmind

Supervisor

### Ned Howey - Tectonica

Supervisor

### Josh Cook - Tectonica

Colleague