



# JOSE MARIA IRIARTE

SOFTWARE DEVELOPER | C#, .NET Framework/Core, AWS/Azure

## CONTACT

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🌐 josemariairarte

## 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
- 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 expertise in creating dynamic solutions. Skilled in C# for .NET Framework and .NET Core, I've contributed to creating MVC web apps, APIs, and desktop apps independently and collaboratively. I excel in EF Core, SQL Server, and LINQ for efficient data handling, have worked with AWS cloud computing services and have comprehensive training on Microsoft Azure. I prioritize software quality through testing, refactoring, and code reviews. Agile-savvy, I excel in sprint-based development and communication with US clients and global stakeholders, ensuring project success. Currently seeking a senior .NET developer position where I can contribute my cloud and back-end expertise to high-impact projects.

## RECENT PROFESSIONAL EXPERIENCE

### Professional Development, Independent Projects

Nov 2020 – Present

- Developed 9 original full-stack applications using .NET and TypeScript, including standalone MVC apps and web APIs in .NET and Node.js.
- Authored 15 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, Angular (basic training)

### 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

Erziehungrektorenkonferenz, 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