

**Alexis Denis Martinez**

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Professional Summary

Experienced **Software Architect** in the technology sector, specializing in software design, IoT, microservices, and architecture design. Proven track record of leading complex integration projects, including cloud-based solutions and event-driven architecture. I am skilled in various technologies and methodologies Available immediately for remote C2C roles and in the future other contracts , I'm waiting for work authorization.

Core Skills

- Software Architecture & Design
 - Microservices & IoT
 - Event-Driven & CQRS-ES Architecture
 - Cloud Solutions (AWS, Azure)
 - CI/CD (Continuous Integration/Continuous Deployment)
 - SDLC.
 - Solution Integrations
 - Team Leadership & Project Management
 - Typescript, CSS, Html, Angular, NestJs
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Technical Skills

- **Languages:** .NET, C#, Java, Python, NestJs, Angular, Typescript, CSS, Html, Others
- **Cloud Platforms:** AWS, Azure
- **Databases:** MongoDB, DynamoDB, Redis, SQL Server, MySql, Others
- **Methodologies:** SAFe, SCRUM, Agile
- **Tools:** Docker, Kubernetes, RabbitMQ, MassTransit, NServiceBus

Professional Experience

Code Crafters LLC – Miami, Florida and Code Crafters SL Spain.

Software Architect Consultant

May 2016 – Present

- Develop Common Files Storage on AWS for multiple Apps for LAAD SA.
- Integration between Dynamics 365 and Bank of America for financial clients, improving transaction processing efficiency.
- Shadow IoT Platform with auto-rules for Viltec System, improving real-time data monitoring.
- Technical design and architecture for the application Suite using CQRS-ES (Command Query Responsibility Segregation - Event Sourcing) for Wolters Kluwer, optimizing data flow and system performance.

Technologies: Dynamics 365, AWS IoT, AWS S3, SQS, ECR & ECS, .NET Core, Docker, Kubernetes, Redis, Azure DevOps, Event-Driven Architecture, NServiceBus, Masstransit, MongoDB, MySql, EDI Files, BAI Files, Angular, Typescript, CSS, Html

TOKIOTA – Barcelona, Spain

Software Architect, Integration Solutions Architect

June 2013 – May 2016

- Designed software solutions and integrated systems for clients, ensuring scalability and performance.
- Architected IoT and microservices platforms, increasing operational efficiency.

Technologies: .NET, Microservices Architecture, Cloud Solutions (AWS, Azure), Angular, Typescript, CSS, Html

Greenpowermonitor – Barcelona, Spain

Project Lead, Architect

February 2013 – June 2013

- Led project management for .NET solutions, coordinating team efforts and ensuring timely delivery of projects.

T-Systems – Barcelona, Spain

.NET Consultant, Developer, Architect

June 2012 – February 2013

- Provided development and architectural services for ADP Streamline, improving system robustness and scalability.

Technologies: .NET, Fluent NHibernate, MVC, Web API

Multiple positions as Architect, Developer, Network Designer, Administrator and Freelancer – for different Clients (Cuba, Spain)

Project Manager, Developer, Team Leader

September 1990 – June 2012

- Managed development projects for desktop and web applications, successfully delivering to clients across industries.
 - Desing of different networks (Havana University, Universal Storage, TRD)
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Education

Bachelor's Degree in Applied Mathematics

Polytechnical Institute "Red Star," Belarus

Graduated: 1985 - 1989

Bachelor's Degree in Mathematics and Computer Science

University of Havana, Cuba

Unfinished: from 1989 - 1993

Certifications & Languages

- **Languages:** Spanish (Native), English (Professional), Russian (Professional), Catalan (Working Proficiency)
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Recently Projects

- **Cloud Storage:** Designed storage system for Apps of LAAD SA in AWS using S3 and Lambdas.
 - **Financial Integration:** Designed system integration between **Dynamics 365** and **Bank of America**, improving transaction accuracy for financial clients.
 - **IoT Platform Development:** Lead the development of a **Shadow IoT Platform** for **Viltec System**, enabling real-time rule-based monitoring.
 - **CQRS-ES Architecture:** Developed **CQRS-ES architecture** for **Wolters Kluwer**, enhancing data consistency and system responsiveness.
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