# Juan Carlos Espinosa Ortiz

**Computer Engineer** Professional License: 11745280 National Autonomous University of Mexico | Faculty of Engineering

## **PROFESSIONAL EXPERIENCE**

# FinTech Sphere: Tech Lead, Full-Stack Software Engineer, Cloud Engineer

JUNE 2024-MARCH 2025

OCTOBER 2020-DECEMBER 2023

Business Credit Card, Credit Bureau Inquiry System, AWS Infrastructure.

**Deployment Automation**: Implementation of CI/CD pipelines with Jenkins, Docker, pip-audit, pylint, and Serverless Framework.

**Integration and Code Review:** Configuration and optimization of CI/CD workflows in GitLab, ensuring quality and efficiency in continuous delivery.

**Team Leadership and Management**: Coordination of software development teams and quality assurance, facilitating collaboration and achieving goals by prioritizing User Stories and ensuring code quality standards.

**Cloud Solutions Design:** Architecture and development of technological solutions using AWS (Amazon Web Services).

**Full-Stack Development:** Creation of components and applications using technologies such as Python, Angular, MongoDB, and Celery.

# Kata-Software: Full-Stack Software Engineer, QA Engineer

AUGUST 2018 - OCTOBER 2020

Various projects in the government and private sector.

**Back-End:** Implementation of scalable REST modules and APIs with .NET Core, Entity Framework, LINQ, and Swagger.

**Front-End:** Development of optimized interfaces with Angular 9, ensuring an efficient user experience.

**Reporting:** Programming automated reports with RDLC and C# for data visualization.

**Functional Analysis:** Adaptation of the SAT Invoice Classifier system to tax and business requirements.

**Full-Stack:** Improvements and fixes in Front-End (Angular) and Back-End (C#) for performance optimization.

**Support and Development:** Defect resolution and creation of new features in high-demand environments.

**Bug Management:** Tracking and validating incidents with TFS, improving system stability.

**Business Analysis:** Abstraction of client needs and implementation in a Virtual Assistant.

Web Services: Integration of web services with the .NET Framework.

**Azure:** Azure resource management, ensuring availability and security in the cloud.

### ACCREDITATIONS

#### Certifications

- Microsoft Certified: Azure Fundamentals Certification Number: H413-0360
- Microsoft® Certified Solutions Associate: Web Applications Certification Number: H167-9144
- Scrum Fundamentals Certified (ScrumStudy)

#### **Accredited Microsoft Exams**

- Exam AZ-900 Azure Fundamentals
- Exam 70-483: Programming in C#
- Exam 70-486: Developing ASP.NET MVC Web Applications
- Exam 70-480: Programming in HTML5 with JavaScript and CSS3

#### Courses

- Architecting on AWS
- Developing on AWS
- AWS Technical Essentials Day

# APTITUDES

#### **Programming Languages**

C#, JavaScript, TypeScript, Python

#### Databases

SQL Server, MySQL, PostgreSQL, MongoDB, DocumentDB

#### **Methodologies**

SCRUM

#### Other technologies

Angular, Vue.js, Flask, FastAPI, Django, Bootstrap, JQuery, HTML5, CSS3, SASS, MVC5, Net Core, Amazon Web Services, Microsoft Azure, Docker, Jenkins, Azure DevOps (TFS), Jira, GIT, LINQ, Entity Framework, RDLC, Swagger, Redoc, Celery.

#### LANGUAGES

Spanish (native speaker) English B1 Russian A2