

# Dario Villar

## Full Stack Software Engineer

02/19/2001

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## Work Experience

### SSr Programmer

Essen Aluminio (July 2023 - Present Day)

- Development and support of the internal website for Entrepreneurs and company staff. Connection to SQL database through stored procedures and ERP system via REST/SOAP APIs and WebServices.
- Implementation of 6 projects for integration with multiple payment methods in Argentina, Bolivia, Paraguay, Peru, and Uruguay, visualization of sales reports and metrics, commercial administration, and marketing operations.
- Reduction of the backlog of pending tickets from 85 to 40. 81 tickets resolved in 7 months with a user satisfaction score of 4.9/5. Worked with agile methodologies.

Stack: C#, ASP.NET, .NET Framework 4, JavaScript, GitLab, .NET Core 3.1, Entity Framework Core, SQL Server, WebServices, Bootstrap

### Trainee Full Stack Web Developer

ExxonMobil (March 2022 - July 2023)

- Development and support of internal web applications hosted on Azure for unconventional oil exploration by company geologists and geophysicists. Visualization of data related to reservoirs and their facilities, generation of reports and exploration metrics.
- Annual savings of approximately USD ~150k through the integration of the NextPlan web application with Enersight, avoiding manual data processing. Creation of a new version of the Compressor web application for managing information about natural gas compressors, reduction of loading times from a minute to 5 seconds on average.
- Migration of ASP.NET MVC modules to React and TypeScript, and creation of endpoints in REST API with .NET 6 and Entity Framework for data handling and visualization, also allowing bulk editing through the possibility of importing and exporting Excel files.
- Worked with agile methodologies and SCRUM in global teams, using testing tools such as Jest and Postman and CI/CD for automation. Migration of Azure DevOps applications to GitHub.

Stack: React, TypeScript, .NET 6, C#, .NET Core 3.1, ASP.NET MVC, JavaScript, Microsoft Azure, GitHub, Entity Framework Core, SQL Server, Bootstrap

## Academic Background

### Civil Engineering

Universidad Tecnológica Nacional (March 2019 - Present Day)

- Currently in 5th year, working on the Final Project.
- Profile oriented to Transportation.
- 33 completed subjects out of 46. Overall average score 8.12/10.

Stack: AutoCAD 2D, AutoCad 3D, RAM Elements, Civil 3D, SketchUp, Revit, MS Project, Excel

### First Certificate in English

Cambridge English Language Assessment (2016)

- Level C1. Grade A (passed with distinction).
- Overall score: 183/190.

## Courses and Certifications

### Python 3: Initial Level

Universidad Tecnológica Nacional (January 2024 - Present Day - 75 hours)

Stack: Python, Jupyter Lab, Tkinter

### IBM Full Stack Software Developer

IBM/Coursera (February 2024 - Present Day - 161 hours)

Stack: React, Python, GitHub, Node, Express, SQL, Docker, Kubernetes

### Artificial Intelligence applied to Transportation

Banco Interamericano de Desarrollo (December 2023 - 24 hours)

Stack: Artificial Intelligence, machine learning, neural networks, convolutional networks

### Microsoft Certified: Azure Developer Associate (AZ-204)

Microsoft (September 2023 - 11 hours)

Stack: Microsoft Azure, .NET 7, C#

### Microsoft Build: .NET Challenge

Microsoft (May 2023 - June 2023 - 28 hours)

Stack: .NET 6, .NET 7, C#, ASP.NET MVC, Razor, Blazor, Entity Framework Core, Microsoft Azure

### Web Development Courses

Pluralsight (March 2022 - December 2022 - 57 hours)

Stack: .NET 6, C#, Postman, Entity Framework Core, Microsoft Azure, OData, React 18, Docker, Python, Angular 16, Next.js

### .NET Developer

UTN FRBA/Becas NEORIS (October 2021 - December 2021 - 96 hours)

Stack: .NET 6, .NET 7, C#, ASP.NET MVC, Razor, Blazor, Entity Framework Core

### React: from Zero to Expert

Udemy (November 2021 - 49 hours)

Stack: React, Redux, Jest, Firebase, MongoDB, Express, Node, Heroku

### Become a Full-Stack Web Developer

LinkedIn Learning (February 2021 - 31 hours)

Stack: JavaScript, SQL, Node, Express, GitHub, SCRUM

### The Complete Web Developer Course 2.0

Udemy (March 2018 - 30 hours)

Stack: HTML5, CSS3, JavaScript, jQuery, Bootstrap, WordPress, PHP, MySQL, Python