[**JAVIER ALEJANDRO BELMONTE**](https://www.linkedin.com/in/javier-alejandro-belmonte/)

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GitHub: [javierb07](https://github.com/javierb07) | LinkedIn: [javier-alejandro-belmonte](https://www.linkedin.com/in/javier-alejandro-belmonte/?locale=en_US) | Portfolio: [web-portfolio](https://javierb07.github.io/web-portfolio/index.html)

# EXPERIENCE

* [**JBKnowledge**](https://jbknowledge.com/)Remote work  
  *Software Engineer* April 2021 – Present
  + Responsibilities:
    - Configure CI for microservices and web/mobile applications.
    - Configure Azure infrastructure using IaC. Configure and release promotable builds onto Azure.
    - Write clean, testable, and maintainable code prioritizing time and space complexities, best practices, and design patterns.
    - Research new technologies and build proofs of concept to determine their technical feasibility (Queues, Functions, Service Bus, Tables, Blob Storage, Cosmos DB).
    - Serve as technical lead for the members of the team. Follow an agile product development process using Scrum.
    - Design API specifications, develop new features, fix bugs, maintain code, and migrate functionalities to improve services.
    - Back-end development using C#, .NET 6, integrating REST, SOAP, and Microsoft Azure cloud services.
  + Accomplishments:
    - Employee of the month November 2021.
    - Helped in releasing two web apps from architecting to production.
    - Pushed forward test automation initiatives for unit and integration testing.
    - Standardized build and release pipelines of a microservice architecture.
* [**Purdue University**](https://www.purdue.edu/)West Lafayette, Indiana, USA  
  *Graduate Research Assistant at Convergence Design Lab* August 2018 – August 2020

# Responsibilities:

# Research and assist with topics related to IoT, robotics, and software development. Prototyping.

# Accomplishments:

# Developed and implemented an IoT architecture that allows control and data visualization of machines remotely through virtual reality.

# Designed, developed, and manufactured an automated storage management system with IoT qualities, that allows to keep track of stock smartly and remotely.

# EDUCATION

* [**Purdue University**](https://www.purdue.edu/)West Lafayette, Indiana, USA*Master of Science in Mechanical Engineering* | GPA: 3.77/4.00 August 2020

Focus**:** Design of Mechatronic Systems, Control Systems

Thesis**: “**Design and Implementation of an Internet of Things Architecture for Immersive Interfaces”

# SKILLS

* Programming languages: C#, JavaScript, Python, C/C++, Assembler, Bash
* Front-end: HTML, CSS, React, Bootstrap
* Back-end: Node.js, Express, MongoDB, Mongoose, SQL, .NET, Cosmos DB
* Version control: Git (GitHub, GitLab, Azure Repos)
* Virtualization: Docker
* Embedded Systems: Arduino, STM32F10X, Raspberry Pi, ESP32
* Languages: Native Spanish | Advanced English (C2) | Intermediate German (B1)

# CERTIFICATIONS

* [Microsoft Certified: Azure Fundamentals](https://www.credly.com/badges/0f10d404-f924-447c-98e2-b94335c13f9a?source=linked_in_profile) | HackerRank: [C#](https://www.hackerrank.com/certificates/e2114fe92ba7), [JavaScript](https://www.hackerrank.com/certificates/25ee36b2f3de), [Node](https://www.hackerrank.com/certificates/11a7736096e0), [Python](https://www.hackerrank.com/certificates/870f7d552072), [Problem Solving](https://www.hackerrank.com/certificates/7b91af628a92)

# SCHOLARSHIPS AND AWARDS

* Fulbright Scholarship Sponsor: Fulbright Commission | 2018 – 2020
* Full Tuition Award Sponsor: Purdue University | 2018 – 2020
* Bicentenario Scholarship Sponsor: Ministry of Education of Argentina | 2009 – 2014