JAVIER ALEJANDRO BELMONTE

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GitHub: javierb07 | LinkedIn: javier-alejandro-belmonte | Portfolio: web-portfolio

EXPERIENCE

- **JBKnowledge** 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** 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** 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 | HackerRank: C#, JavaScript, Node, Python, Problem Solving

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