

JAVIER ALEJANDRO BELMONTE

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

EXPERIENCE

- JBKnowledge** Remote
Platform Technical Lead October 2024 – Present
 - Defining the vision, architecture, and roadmap for the platform to ensure scalability, reliability, and security.
 - Designing, building, and maintaining platform services, tools, and frameworks to support development teams.
 - Providing technical guidance and leadership to ensure best practices in platform engineering.
 - Establishing observability systems, including logging, monitoring, and alerting, to ensure platform health.*DevOps Engineer* April 2023 – September 2024
 - Designing, implementing and maintaining CI/CD pipelines, automating the testing, building, and deployment of software changes to multiple environments.
 - Managing and scaling infrastructure for distributed systems and microservices.
 - Designing and implementing software and services to support our products and automate our processes.
 - Collaborating with developers, operations teams, and other stakeholders to improve the overall software development process.*Software Engineer* April 2021 – March 2023
 - Designing, developing, testing, and debugging software programs and applications.
 - Creating technical documentation and user manuals to help with software deployment and training.
 - Collaborating with cross-functional teams to identify and prioritize software requirements.
 - Maintaining and improving existing software systems by identifying and correcting software defects.
- Purdue University** West Lafayette, Indiana, USA
Graduate Research Assistant at Convergence Design Lab August 2018 – August 2020
 - Researching and prototyping in topics related to IoT, robotics, and software engineering.*Graduate Teaching Assistant at ME 444: Computer-Aided Design and Prototyping* January 2019 – May 2019
 - Guiding students in the process of learning the fundamentals of product design and ideation.*Graduate Teaching Assistant at ME 365: Measurement and Control Systems I* August 2018 – December 2018
 - Guiding students in the process of learning the modeling and instrumentation of physical systems.

EDUCATION

- Purdue University** West Lafayette, Indiana, USA
Master of Science in Mechanical Engineering | GPA: 3.77/4.00 August 2018 – August 2020
Focus: Design of Mechatronic Systems, Control Systems
Thesis: "Design and Implementation of an Internet of Things Architecture for Immersive Interfaces"

SKILLS

Tools and technologies						
C#	C++	PowerShell	JavaScript	Node.js	Microsoft Azure	Git
.Net Framework	Python	Bash	NoSql	MySql	JSON	XML
Industry knowledge						
Agile Methodologies	Software Architecture	Design Patterns		OOP	Machine Learning	
Languages						
Native Spanish		Advanced English (C2)			Intermediate German (B1)	

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

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals