# Jon Beaulieu

## IoT Software Engineer & Project Manager

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LinkedIn

## ABOUT ME

Experienced software developer and project manager with a history of successfully developing and launching IoT products. Skilled in current cloud/edge technologies, and well-versed in enacting standards and best practices for connected devices. Always exited to hear about new opportunities in the IoT, particularly those with exposure to cloud services and mobile tech.

## EDUCATION

**Massachusetts Institute of Technology**

Bachelor of Science (2017)

Electrical Engineering & Computer Science

## SKILLS

### Software Languages

- C#, .NET Framework
- Node.js
- React
- Python
- JavaScript

### Technologies

- Android, iOS
- Microsoft Azure
- Docker, microservices
- Kubernetes

### Design

- UI / UX design
- User testing
- Adobe Creative Cloud

## EXPERIENCE

**Senior IoT Software Engineer**                                  **2021 – Present**
Zego                                                    Milwaukee, WI (Remote)

- Worked as part of an agile team to support and design new features for Zego's property management web platforms.
- Evaluated new IoT hardware and created development plans to integrate new functionality into Zego Smart, a residential smart-home application.
- Developed new AWS-based services in Node.js and Elixir to better support smart-home products for residential customers.

**IoT Program Leader**                                           **2019 – 2020**
Regal Beloit Corporation                                          Milwaukee, WI

- Led a New Product Development team responsible for designing and testing commercial IoT prototypes and identifying potential business opportunities.
- Established standards for code development, version control, and cloud communication for connected products.
- Supervised implementation of an Azure-based platform to unify Regal IoT products under a single cloud infrastructure.
- Served as the project manager for the design and launch of a modular IoT solution to give connected capabilities to existing commercial products.

**Software Design Engineer**                                     **2017 – 2019**
Regal Beloit Corporation                                          Milwaukee, WI

- Designed several proof-of-concept IoT solutions to demonstrate connectivity, including a digital user interface for commercial motor products, a Node.js web platform to aggregate data, and a mobile app to give insights to users.
- Developed a series of APIs to migrate a legacy IoT product to a new cloud platform while maintaining connectivity for existing users. Co-developed a redesign of iOS and Android apps to provide a better user experience.

**Enterprise Architecture & Security Intern**                    **2016 – 2017**
MIT Information Systems & Technology                              Cambridge, MA

- Designed new APIs to promote better data policies between academic depts.
- Developed a series of Python scripts to streamline collection of security records.