

# Omar Flores Quintana

Software Engineer

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## EXPERIENCE

**INVID, LLC** | *Web Developer II* | San Juan, PR 9/2021 - Present

- Implemented the backend architecture for a productivity application using Azure Functions for the REST API, Sequelize.js as the ORM, and an Azure SQL Database instance which enabled users to efficiently organize and keep track of their tasks in one place.
- Developed a continuous education learning portal for lawyers across Puerto Rico using C#, .NET, Entity Framework and SQL Server.
- Modified the frontend of a mobile application using React Native to add a user analytics service and to improve the overall user experience.
- Developed a REST API using .NET 7 for a notification management settings page to enable portal administrators to manage all notifications sent to users of the mobile application.
- Developed a background jobs service using Azure WebJobs that enabled notifications to be sent on a daily basis on a fixed time interval to users of the mobile application.
- Implemented several features including policy endorsements, policy renewals and renovations, and policy search functionalities for an insurance company's web application using React and .NET 7.

**Wovenware, Inc.** | *Software Developer II* | San Juan, PR 1/2021 - 9/2021

- Spearheaded the development efforts of two interfaces which were part of a data verification and validation hub system using a combination of several Microsoft Azure tools.
- Enabled a secure data exchange communication channel between the client's system and several of Puerto Rico's government agencies through the use of Azure Logic Apps.
- Redesigned Medicaid participants' flow in Puerto Rico by automating and digitalizing the decision-making process to determine a participant's eligibility in the program.

**Wovenware, Inc.** | *QA Tester I* | San Juan, PR 12/2019 - 12/2020

- Led the team's QA efforts and established a system that future QA testers would follow.
- Managed all QA related communications with the Project Management Office and other stakeholders.
- Scheduled and led QA meetings on a regular basis to ensure project compliance and quality.

## EDUCATION

**University of Illinois at Urbana-Champaign** 12/2022 - 12/2024 (Expected)  
*Master of Computer Science*

**Polytechnic University of Puerto Rico** 8/2016 - 5/2020  
*B.S. Degree in Computer Science*

## SKILLS & INTERESTS

**Languages:** Python, C#, JavaScript/TypeScript

**Frameworks & Tools:** Microsoft Azure, Node.js, .NET, Docker & Kubernetes

**Interested in:** Go, Rust, Distributed Systems, Microservices, Backend Engineering