

Omar Flores Quintana

Software Engineer

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EXPERIENCE

Wovenware, Inc. | *Software Developer II* | San Juan, PR 06/2023 - Present

- Part of the Platform Analytics team for one of Wovenware's client called Uplight, Inc.
- Developing features for weather data and home simulation services that enable the most accurate estimation of energy consumption bills across several US states and Canada.
- Building upon the already existing complex infrastructure at Uplight, Inc. Using tools such as Google Cloud Platform, Python, Terraform, CircleCI, Docker, and Kubernetes with a microservices architecture.

INVID, LLC | *Web Developer II* | San Juan, PR 9/2021 - 05/2023

- 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.
- 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.

EDUCATION

University of Illinois at Urbana-Champaign 12/2022 - 12/2025 (Expected)
Master of Computer Science

Bradfield School of Computer Science 06/2023 - 06/2024 (Expected)
Computer Science Intensive

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

SKILLS & INTERESTS

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

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

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