

Guaynabo, Puerto Rico  
United States, 00969

# OMAR FLORES

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## EMPLOYMENT

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<b>Software Engineer II</b>	<b>Wovenware, Inc</b>	<b>January 2021 - Present</b>
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- Led the development efforts of two (2) of the eight (8) most important deliverables of the project, namely two Interfaces that sat between our system and a Local Government Agency that made possible the exchange and validation of data between these two entities.
- Developed said Interfaces using mostly Microsoft Azure tools including Azure Logic Apps (ARM templates contained more than 6000 lines of JSON), App Services, Storage Accounts, Integration Service Environment (ISE), Virtual Machines, SQL Database, Virtual Networks, among others.

<b>QA Engineer I</b>	<b>Wovenware, Inc</b>	<b>December 2019 - January 2021</b>
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- Led the team's QA efforts during this period, thus establishing a system that future QA Engineers would follow. The team went from not having any sort of QA system in place to an established, stable system that would eventually scale once the project grew both in terms of code base as well as team members.
- Handled QA related communications with the Project Management Office (PMO) and other Stakeholders.

## PROJECTS

### Capstone Frontend Web Application

- In charge of designing and developing this web app as an integral part of the University Capstone project.
- Built entirely on React with the help of Google's Material UI Framework.

### Blog Full-stack Web Application

- Developed this application using the MERN Stack (MongoDB, Express, React, and Node).
- Built the backend API using GraphQL which was then consumed by the React frontend.
- Implemented basic authentication using JWT.

### Simple eCommerce Application

- Developed this application using the standard MVC application design pattern.
- Built using Node and MongoDB on the backend and a JavaScript Templating Engine called EJS for the Views.

## LANGUAGES AND TECHNOLOGIES

- Programming Languages - C#, Python, JavaScript
- Databases - MongoDB, PostgreSQL
- Operating Systems: Windows, MacOS, Linux (Kali, Ubuntu)
- Frameworks and tools - React, Node, Vue, Express, NUnit, .NET, Entity Framework, Docker (Basic)
- Others - Microsoft Azure, Visual Studio, Visual Studio Code, Git, Postman, REST/SOAP APIs, Web Applications

## EDUCATION

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<b>Hato Rey, Puerto Rico</b>	<b>Polytechnic University of Puerto Rico</b>	<b>August 2016 - May 2020</b>
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- B.S. in Computer Science. GPA: 3.724
- Main coursework: Computer Programming in C++, Data Structures, Design and analysis of Algorithms, Computer Architecture, Machine Learning, Database Systems, Operating Systems, Software Engineering.

## ACHIEVEMENTS

- Graduated Magna Cum Laude
- Microsoft Certified: Azure Developer Associate (Exam AZ-204)
- Microsoft Certified: Programming in C# (Exam 70-483)