

# Vanessa Marlene Morfin Sanchez

## Software Engineer

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Software Engineer with 2 years of experience in Web Development. Top Front-End Development Voice on LinkedIn with more than 12K followers.

### Education

#### Master's in software management and engineering

UTEL University

August 2023 – Feb 2025

(graduation date)

### Courses

#### +90 successfully finished

courses related with: UI/UX, React, HTML, JS, CSS, Data analysis, AWS, DevOps, Python from Coursera, Google, LinkedIn, Oracle, Microsoft, etc. [Learn more.](#)

### Languages

[English – B2](#)

Spanish – Native

### Hard skills

React – ~1.5yrs.

Python – ~1.5 yrs.

Docker – ~1 yr.

AWS – ~1.5yrs.

JS/CSS/HTML – 2 yrs.

Docker – 1year.

Linux – 6 months

SQL – 6 months

### Work experience

#### Software Engineer– August 2022 - Present

##### Vermic Studios

##### June 2023 – Present: Create a Learning Management System (LMS)

- Use the Django framework to develop the backend of the system developing RESTful APIs.
- Participate in the creation of the frontend using React, Bootstrap, Typescript, HTML, and CSS.
- Troubleshoot and fix issues in production.
- Implement CD/CD pipelines ensuring the highest quality in the code and applying the best practices.
- Develop and integrate reusable React components.
- Implement several microservices in the platform.
- Apply SDLC best practices.
- Containerize applications using Docker.
- Deploy the different microservices in Kubernetes using AWS EKS
- Configure Cloudfront and S3 buckets to serve static and media files through HTTP and HTTPS.

**Tools:** React, Redux, AWS (S3, RDS, Lightsail, Route53, Code Commit, Code Pipeline, Cloudfront, Route53), Django, Python, Docker, JS, HTML, CSS, Bootstrap, Selenium, Pytest, REST APIs, SQL, PostgreSQL, design patterns, Linux, Kubernetes, and Github.

##### August 2022 - June 2023: Create an e-commerce website.

- Develop an e-commerce highly available to allow customers to buy educational resources.
- Develop a microservices architecture to allow the backend and frontend to work independently and communicate through REST APIs.
- Implement and test all the Frontend and Backend functionalities and deploy them to production through a CI/CD pipeline.
- Create effective CI/CD pipelines to deploy the service to all the environments (develop, testing, production).
- Create the Frontend of the application using React, JavaScript, HTML, CSS, Bootstrap, Node, and Typescript.

**Tools:** React, AWS (S3, RDS, Serverless services, Route53, Code Commit, Code Pipeline, ECS, EC2), GitHub, PHP, Docker, JS, HTML, CSS, Bootstrap, Selenium, Pytest, REST APIs, SQL, PostgreSQL, Redux, and Linux.