

Mary Amarte

Maryamarte07@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

EXPERIENCE

AKQA, New York Studio

Associate Developer

Remote Work

08/2023- Present

- Collaborated with engineers to develop and deploy a data migration solution for a leading solar energy company, migrating over 800k customer records to Salesforce platform using Node.js microservices and AWS resources including SQS, Lambda, Step Functions and DynamoDB for a resilient, scalable solution.
- Played a key role in creating a comprehensive dashboard, visualizing critical metric with Grafana and AWS CloudWatch
- Collaborated on Shopify app development, focusing on integrating the Iterable app for seamless customer data synchronization. Contributed to engineering custom APIs and endpoints for backend operations.
- Played a pivotal role in developing a robust website prototype using React.js integrated with Contentstack CMS, enabling efficient content management and streamlined site updates.
- Wrote unit tests using Sinon to ensure code reliability and accuracy, focusing on isolating functions for thorough testing.

Odyssean Software

Junior Full Stack Developer

Remote Work

06/2022- 12/2022

- Created web applications to improve the flow of information for non-profit organizations, using HTML and CSS for the user interface and the Laravel framework for PHP and Livewire for the backend architecture.
- Leveraged MySQL for effective data management, optimizing database queries and improving application performance.
- Developed an in-app chat application using Vue.js and Firebase's authentication and database services, resulting in an improved in message delivery speed and a 25% increase in user engagement.

Oberlin College Computer Science Department

Student Research Assistant

Oberlin, OH

07/2020 – 08/2020

- Conducted statistical analysis on research papers examining the retention of Computer Science students.
- Generated reports on successful strategies for retaining students in Introductory Computer Science classes, which were utilized to shape the syllabus for the subsequent academic year.

EDUCATION & CERTIFICATIONS

Oberlin College

Major: Bachelor of Arts, Computer Science

Oberlin, OH

Expected Graduation: May 2023

- **Certifications:** [AWS Certified Cloud Practitioner](#), March 2023; [Contentful Certified Professional](#), March 2024.
- **Relevant Coursework:** Intro to Computer Science, Data Structures, Systems Programming, Algorithms, Discrete Mathematics, Theory of Computation, Intro to Computer Architecture, Machine Learning, etc.

PROJECTS

- Designed and developed a [personal portfolio](#) website highlighting relevant work using HTML, CSS and React resulting in an estimated 20% increase in online visibility.
- Developed a VPN utilizing OpenVPN, an open-source VPN software, and an EC2 instance on AWS.
- Designed, debugged, and tested machine learning algorithms, including neural networks and decision trees, using programming languages (Java and Python) and data manipulation libraries such as Pandas to gain practical experience.
- Worked in a team to design an application using Flutter and Android Studio to display on-campus dining menus.

SKILLS & FRAMEWORKS

- **Languages:** Proficient in Node, Typescript/JavaScript, Git, MySQL, React, CSS, HTML, Laravel (PHP), Java
- **Core Competencies:** Cloud Computing (AWS), Object-Oriented Design & Programming, Full-Stack Development (Frontend & Backend), Effective Communication, Problem Solving
- **Tools:** Grafana, Jira, GitHub, Microsoft Office, Google Docs, Figma, Firebase, Confluence, Shopify