

PROFESSIONAL EXPERIENCE	OCLC Inc.	Sep. 2021 - Present
	Senior Software Engineer	
	<ul style="list-style-type: none">• Migrate CI/CD process for all applications on Bitbucket and XebiaLabs to Gitlab CI/CD; collaborating with teams migrating to Gitlab CI/CD.• Served as lead developer for migration from ELK stack to Snowflake; implemented a new process to allow the use of Terraform to create Snowflake and AWS infrastructure.• Spearheaded the API Stats Project as lead developer, allowing for company management to see usage for APIs in AWS.<ul style="list-style-type: none">◦ Lead the analytics towards the best cost-effective manner to store and pull API metrics.◦ Architected the solution from the ground up, involving the base language choice of Python, a time series DB of AWS timestream, and utilizing lambdas to query AWS cloudwatch and Elasticsearch.◦ Built the Docker base container, allowing for gradle builds of Python applications with Artifactory deployments.• Built the framework for the Storefront project, an OpenAPI Spec platform application; built the mechanism allowing the Node project to be compiled and deployed into AWS, to be used as the default hursitic for Node projects deployed to AWS at OCLC.• Continuously supporting all previously built applications and services in all environments from ephemeral to production for next generation WorldCat APIs that include Library User List, Citation facade, and User Account.	
	Software Engineer	Jan. 2019 – Aug. 2021
	<ul style="list-style-type: none">• Built, analyzed, debugged, and solved problems in a complex ecosystem of interrelated applications for services in AWS and on-premises.• Created the company standard on how APIs are written in AWS; collaborated across many teams to achieve an end goal standard.• Streamlined the new CI/CD process which used an on-prem Xebia Labs Release Orchestration tool to deploy a hybrid of on-prem and cloud solutions.• Built a new Material UI prototype written in React, showcasing LTR,RTL, and language translation capabilities while using new cloud APIs and CI/CD.	
	Envalo Inc.	May 2014 – Oct. 2018
	Software Developer	
	<ul style="list-style-type: none">• Created strategies for implementing go live projects and deployments that are currently used by multiple clients such as Global sourcing, Mr. Heater, and Woodpeckers.• Worked on an ERM system for the Magento platform which allowed clients to have a way to manage customers, inventory from third parties, and reports.• Assisted on a hosting solution for small scale clients. Hosted multiple clients on a large plesk server. Handled the partition, DNS routes, and database creations for multiple clients that were stored on the server.• Handled the revamping of Envalo.com, the main landing page for Envalo. Completed the server hosting, setup, and data migration.	
EDUCATION	Cleveland State University	Fall 2016
	Bachelor of Science in Computer and Information Science	
SKILLS	<p>Languages: JavaScript, Java, Python, Bash/Shell Scripting, SQL</p> <p>Data Technology: PostgreSQL, MySQL, MongoDB</p> <p>Frameworks: Node.js, Express.js, React.js, Redux, Fastify, Spring boot</p> <p>Amazon Web Services (AWS): Lambda, DynamoDB, S3, Fargate, Elastic Container Service (ECS) Timestream, AWS CLI, SAM, Cloudformation, API Gateway, Aurora, Kinesis Firehose</p> <p>Other: Git, Ansible, Terraform, Kubernetes, Gitlab, Docker, Podman, Containerd, Elasticsearch, Grafana, Gradle, Pyenv, Poetry, Jira, Confluence</p>	