Chigozie Beluolisa

Senior Software Engineer

Phone: +1 6137004981

Website: www.gozieb.com

Email: gozie_b@ymail.com

- *Over 10 years of experience in the IT industry as a software engineer with a strong track record in creating efficient, scalable services for web-applications.*
- *Proven expertise in software development, cloud technologies, and payment processing solutions. Passionate about building seamless user experiences and optimizing transaction workflows*
- *Excellent troubleshooting skills - able to analyze code and engineer well-researched, cost-effective and responsive solutions*
- *Experience in building complex, high-performance, scalable, and easily maintainable solutions for Mobile, Web, and Distributed applications*
- *Knowledge of software engineering best practices, including coding standards, build and release processes, continuous deployment, test suite development, and maintenance.*

SKILLS

Languages: Python, Java, JavaScript, Tcl-Tk, Ruby

Frameworks: Rails, Express, Django, Pyramid, Mocha, React

Databases: PostGres, MySQL, MSSQL Firebase MongoDB

Cloud Services: AWS, GCP, ArgoCD

Tools: Kubernetes, Helm Chart, Docker, Terraform

Other: RESTful APIs, GraphQL, Microservices Architecture, Agile/Scrum methodologies

EXPERIENCE

SurveyMonkey

March 2021 - Present

Senior Software Engineer

- Oversaw software development and built a framework that allowed various design teams to build new insight solutions applications for market research.
- Developed and maintained documentation related to software processes and systems, including requirements and design documentation.
- Facilitated discussions with senior leadership regarding technical/architectural trade-offs, best practices, and risk mitigation.
- Wrote API Automated test for various backend services to test different aspects of the application.
- Lead a team of engineers in creating test plans and strategies for a web-based application.
- Developed automated web scripts for performing functional test for a web based application.
- Worked with Product Managers and Software developers to refine stories for upcoming features.

Achievements

- Wrote Billing and Email feature for a self-serve application ensuring SurveyMonkey's transaction success rate were improved.
- Developed a micro-service for handling file uploads for multiple web-applications with features like CSAM scanning
- Created tools for automating different aspect of a self-serve web-application
- Migrated the CI/CD pipeline for a micro-service from TeamCity to Github actions in preparation for the service migration to Amazon Elastic Kubernetes Service (EKS).
- Setup a new framework that enabled end-to-end testing for GraphQL Layer and different REST API services
- Mentored and trained Software Developers on how to write automated tests.
- Utilized AWS services for deploying and scaling applications, leading to a reduction in application downtime and cost.

Technologies Used

AppRouter, Ansible, Pyramid, Stripe, Mocha, GraphQL, SQLAlchemy, Splunk, Docker, TeamCity, S3, Lambda, Terraform

Fuze

September 2019 - March 2021

Software Engineer / Automation Engineer

- Rolled out a rewrite of an Angular project in React over a two year period without sacrificing user-facing feature development

- Setup Automated web regression test framework for a web-based application using NodeJS, Selenium Web-driver and Mocha
- Developed automated regression test scripts for testing various aspects of the application (REST APIs and Web User Interface).
- Executed the tests on a Jenkins server using Docker containers and set up automated scheduled regression runs using a cron job
- Setup Automated regression report notification using Jenkins Slack Notification.

Achievements

- Wrote Identity Management feature for a self-serve web application
- Set up Automated web regression test framework with HTML Reporting and Slack Notifications
- Mentored and trained team members on the new framework.
- Reported over 400 defects for the organization which significantly increased the product quality of software delivered to customers

Technologies used

NodeJs, TypeScript, Python, Selenium WebDriver, Docker, Jenkins, Slack API, React, Splunk.

Nokia
February 2016 - September 2019

Software Test Engineer

- Created and executed automated software test plans, cases and scripts to uncover, identify and document software problems and their causes.
- Conducted formal and informal product design reviews throughout the software development lifecycle to provide input on functional requirements, product designs, schedules and potential issues.
- Assist with the review of solution architecture, business requirements and detailed system design specifications to ensure they are clear, concise and testable
- Leveraged developer background to communicate effectively with software design team, quickly gaining their respect and becoming a valued, "go-to" team member on challenging test cases.
- Monitored system resources using VM Stat, I/O Stat commands and collected metrics like CPU utilization, memory use, Disks I/O rates, transfers and read/write ratios etc.

Achievements

- Introduced the team to new automation tools to enhance automation test infrastructure
- Reported over 800 defects for the organization quickly becoming a go-to team member.
- Mentored CO-OP students on writing automated regression tests

Technologies used

NodeJS, Python, TCL-Tk, Mocha, Zookeeper, Kafka, Selenium WebDriver, Splunk, Jenkins, Jmeter

EDUCATION

University of Ottawa
2011 - 2015

Bachelor's Degree, Electrical and Electronics Engineering (System's Option)

Magna Cum Laude

Nortel Networks Admission Scholarship

Dean's Honour List

LANGUAGES

English (Native)

PROJECTS

Scheduling Web Application
August 2018 - December 2018

- Developed a production ready scheduling application using Express Framework, REACT.
- Implemented Passport.js to manage user authentication and facilitate single sign-on.
- Integrated Stripe API for managing customer payments and subscriptions.
- Containerized various aspects of the application - Redis, PostGres, Workers using Docker and deployed it on a loadbalanced, highly available faultolerance Kubernetes infrastructure using ArgoCD