Jonathan Portobanco

SDET | Software Automation Engineer

Costa Rica | portobanco51@gmail.com | LinkedIn | GitHub | Portfolio

I am a results-driven Software Engineer in Test with a strong focus on automation practices. Proficient in Python, Bash and JavaScript, I engineer and implement robust automated testing frameworks that drive efficiency and quality. I leverage continuous integration, cloud solutions, and agile mindset to ensure high-quality software delivery, enhancing productivity.

Professional Experience

Oct 2023 – present
Remote, Costa Rica

Software Engineer
Intel CR

- Engineered automated test scripts using Python and Bash to validate software functionalities and streamline the results, which led to a 20% reduction in testing cycle time, allowing for quicker releases and enhanced product reliability.
- Developed over ten software solutions across various Linux and Windows environments with a strong understanding of command-line tools, file systems, and package management.
- Utilized version control and continuous integration tools to ensure efficient code management and deployment while maintaining technical proficiency in advanced development environments and cloud solutions (Docker, Jenkins, AWS).

(**Skills:** LINUX/Windows operating systems | Version Control | CI/CD tools | Python | Bash | Cloud infrastructure | AWS | Automated testing)

Oct 2023 – Jan 2024
Remote, Costa Rica

Front End Engineer
CommandLink

- Collaborated within a cross-functional team of front and back-end engineers, QA and UI/UX to ensure agile communication, leading to 15% time cut on task solving process.
- Successfully integrated changes and features to the website's design leveraging JavaScript libraries/frameworks like styled-components, improving by 35% site's user engagement.
- Introduced unit test automated execution using Jest to ensure code quality before deployment, achieving an 85% project coverage threshold, which minimized bugs in production.

(**Skills:** Software Unit Testing | Ticket Management tools | Software Data Streamline | UI/UX Oriented | Resolution Communication | Software Troubleshooting | Code Implementation)

Oct 2022 – Jul 2023
Remote, Costa Rica

Web Developer
Aztec Promotional Group

- Configured and supported Continuous Integration/Continuous Deployment (CI/CD) pipelines using tools like Jenkins and GitLab CI/CD, which led to a 25% reduction in deployment times, allowing for more frequent and reliable releases.
- Collaborated effectively as part of a team, taking the lead on innovative software projects, and contributing to the design, development, and focused testing of software solutions.
- Conducted troubleshooting and performance optimization of applications, enabling the client to respond swiftly to market demands and improve operational efficiency, ultimately reducing costs by 15%.

(**Skills:** Version Control | CI/CD tools | Python / Django APIs Programming | Embedded systems | Microservices / Microcontrollers)

| Jan 2021 – Oct 2022 | **Executive Administrative Assistant** |
| Costa Rica | IBM |

- Demonstrated expertise in utilizing Cloud Solutions and Infrastructure as a power user, leveraging tools like Dockers and Kubernetes for containerization and orchestration of applications.
- Software development of CMS solutions to feature various administrative tasks, including travel arrangements, scheduling, submission of expense reports, and other correspondence for Corporate Cloud & Development Team.
- Actively participated in scrum meetings as part of an agile team, contributing to project planning, progress tracking, and issue resolution.

(**Skills:** Docker/Kubernetes | AWS/Azure Cloud Solutions | Python/JavaScript Software Development | Agile Methodology)

Skills

Programming Languages
Python / JavaScript / Bash

Front End
React.js / Three.js / MUI / JavaScript / HTML5/CSS3

Back End
Node.js / Python / Linux / AWS / API

Testing
Jest / Selenium / Cypress / JUnit / Postman

Automation
GIT CI/CD / Jenkins / Docker

Cloud
AWS S3 / EC2 / Cloudwatch

Education

Software Engineering Bachelor Degree
Cenfotec University

Bachelor's Degree in Higher Education
Bilingual Experimental High School of Grecia

Languages

English
C1 - Fluent/Advanced

Spanish
Native

Certificates

Agile Explorer Badge
IBM

JavaScript Programming
CoderHouse

Python Programming
Coursera

English Level C1 Certificate
Cambridge English Language Assessment

Meta Back-End Development ⬀
Coursera

Certified in Cybersecurity (CC)
ISC2

Portfolio

Marcelo's Web Portfolio ⬀
www.marceloportobanco.netlify.app
An interactive, React.js based website to showcase my experience as a front-end developer, a way to get in touch with a sprinkle of my journey.