

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 strong understanding of command-line tools, file systems and package management.
- Utilize version control and continuous integration tools to ensure efficient code management and deployment, while maintaining technical proficiency in advanced development environments and cloud solutions/infrastructure (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 API's Programming | Embedded systems | Microservices / Microcontrollers)

Jan 2021 – Oct 2022
Costa Rica

Executive Administrative Assistant

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

Back End

Node.js / Python / Linux / AWS / API

Automation

GIT CI/CD / Jenkins / Docker Pods

Front End

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

Testing

Jest / Selenium / Cypress / JUnit / Postman

Cloud

AWS S3 / EC2 / Cloudwatch

Education

Software Engineering Bachelor Degree

Cenfotec University

High Education Bachelor Diploma

Bilingual Experimental High School of Grecia

Languages

English

C1 - Fluent/Advanced

Spanish

Native

Certificates

Agile Explorer Badge

IBM

Python Programming

Coursera

Meta Back-End Development

Coursera

JavaScript Programming

CoderHouse

English Level C1 Certificate

Cambridge English Language Assessment

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.