

# 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

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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  
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

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### 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

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### Software Engineering Bachelor Degree

Cenfotec University

## Languages

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### English

C1 - Fluent/Advanced

### Bachelor's Degree in Higher Education

Bilingual Experimental High School of Grecia

### Spanish

Native

## Certificates

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### 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

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### Marcelo's Web Portfolio

[www.marceloportobanco.netlify.app](http://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.