



# Jesús David Palomino Esquea

Software Engineer, Python Developer, AI

## Contact

 (+57) 300 663 61 23

 [jesuspalominoes@gmail.com](mailto:jesuspalominoes@gmail.com)

 [jesuspalomines.com](http://jesuspalomines.com)

 [jpalomino10](https://github.com/jpalomino10)

 Barranquilla, Colombia

## Education

2021  
Ingeniero de Sistemas de  
Información

Corporación Universitaria  
Empresarial de Salamanca

2012  
Administrador de  
Proyectos de Tics  
Corporación Universitaria  
Empresarial de Salamanca

## About me

Hey there! I'm Jesus, and I absolutely love building things on the web. As a software engineer, I've spent over 15 years diving deep into web applications, streamlining processes with automation (often powered by Python), and even dabbling in web infrastructure.

I'm particularly skilled in automation technologies, with a proven track record of leveraging Python for efficient and scalable solutions, and I love designing and managing software that truly helps customers become more productive

You could say I have a pretty varied background, having evolved through several key roles in my career. I've spent time as a backend developer, crafted user interfaces as a frontend developer, and even tackled infrastructure challenges in DevOps.

My journey has culminated in my recent focus as a QA Automation Engineer, where I apply my comprehensive understanding and extensive Python experience to elevate product standards. I'm comfortable jumping in anywhere in the stack and genuinely enjoy wearing multiple hats to get the job done.

## Work Experience

### QA Automation Engineer

Koombea ..... 2021 - Current

At my current position as a QA Automation Engineer, I develop and execute test plans to ensure comprehensive coverage of functional and non-functional requirements. I design detailed test cases, both manual and automated, to validate software functionality, collaborating closely with developers and product managers to identify and resolve defects using tools like Jira.

One of my key achievements has been reducing and improving documentation times for test case building by developing an internal tool that leverages Artificial Intelligence. This tool not only helps track bugs but also measures the application's state, enhancing overall efficiency and accuracy in our testing processes.

## Languages

Spanish

English-B2

Certificates

ISTQB  
ISTQB® Certified Tester -  
Foundation Level  
2022

Agile Scrum Institute  
Scrum Developer  
2012

Expertise

- Time Management
- Problem Solving
- Cooperative
- Leadership
- Adaptable

I also focus on test automation, creating scripts with tools such as Selenium and integrating them into CI/CD pipelines for continuous testing. Additionally, I conduct performance and security testing to ensure system stability and protect against vulnerabilities.

My role includes managing test environments, documenting processes and results, and tracking key quality metrics to continuously improve software quality.

Required skills to perform the job:

Page Object Model

Screenplay

Behave

Selenium

Python

ReactJS

Appium

Cypress

Allure

Circle CI

AWS

Postman

Scrum

QA Automation Engineer

Novo / Scale ..... 2017 - 2021

- Configured a test library to improve QA department processes, focusing on the analysis and tracing of website transitions for automated tasks.
- Utilized technologies such as Selenium, Selenium Grid, and TestNG, all implemented in Java.
- Achieved a 50% reduction in test case execution time by applying parallel execution and multi-node configurations.
- Developed an HTML report system to track the history of executed tests, leveraging MongoDB for data storage.
- Migrating test database data between environments.
- Bug detection and resolution.
- Executing Jenkins builds and performing minor build plan adjustments.
- Configuring test plans and running tests.

Required skills to perform the job:

Java 8+

Maven

Selenium

Test NG

Jenkins

Software Developer

VSI Global Solutions ..... 2012 - 2017

- Developed, implemented, and maintained web applications for international clients.
- Collaborated with technical and business teams in designing, developing, testing, implementing, and providing production support for enterprise applications.
- Utilized Microsoft technologies, including ASP.NET MVC, Windows Presentation Foundation (WPF), Entity Framework, and Microsoft SQL Server for database queries and integrations.
- Transitioned to working with client-side technologies such as Knockout, Durandal, and AngularJS.
- Split responsibilities between 60% front-end development and 40% back-end development.
- Employed Scrum methodology for the development of all projects.

Required skills to perform the job:

Scrum

WPF

ASP.net

MVC

MVVM

LINQ

Entity Framework

Regex

Knockout JS

## Full Stack Developer

Freelance

I have worked for clients like freelancer, some of my web apps include: Digital Menus, Mobil/Desktop Admin Sites, E-commerce Sites, online website plugins and APIs, I was also responsible for the managing my team's web infrastructure, SEO and website design. Most of the web apps were launched with AWS and Firebase.

Also, I have implemented and working with Progressive Web Apps (PWA), Angular Universal to easy the SEO, mobiles hybrid applications with IONIC, MEAN Stack and recently serverless technologies.

Required skills to perform the job:

Angular 4+

Node JS

Mongo DB

Firebase

PWA

IONIC