

# Gilberto Lopez Quintero

Tijuana, Mexico | gilbert.quint@hotmail.com | +52 664-519-7350

[LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [HackerRank](#)

## Professional Profile

QA Automation Engineer with 2+ years of experience automating API, UI, and integration tests. Expert in tools such as Playwright, Jest, Postman, Selenium, and Supertest. Strong backend knowledge using Node.js and databases (SQL, MongoDB). Skilled in CI/CD practices with GitHub Actions and Jenkins, and experienced in validating microservices in ephemeral environments. Passionate about test strategy, early error detection, and continuous improvement in Agile workflows.

## Technical Skills

Languages & Frameworks:

TypeScript, JavaScript, Python, Bash, Node.js, Express, NestJS, Django, Angular

Databases:

SQL, MySQL, PostgreSQL, MongoDB

Testing & Automation:

Playwright, Selenium, Jest, Supertest, Postman, Cypress, QA Wolf, Drona

DevOps & CI/CD:

GitHub Actions, Jenkins, ReleaseHub, Docker, Cloudflare

Tools & Practices:

Linux server configuration, RESTful APIs, Agile, Scrum, TDD, BDD, Datadog

## Work Experience

Associate QA Engineer

Drata | Mar 2023 - Feb 2025

- Automated UI and API tests using Playwright, Jest, and Postman.
- Created validation scripts with Bash and TypeScript for internal tools.
- Implemented test coverage for microservices with tools like Drona and QA Wolf.
- Performed log analysis using Datadog and managed ephemeral environments with ReleaseHub.
- Contributed to CI/CD integration with Jenkins and GitHub Actions.

Software Engineer

Arkus Nexus | Aug 2022 - Feb 2025

- Developed and tested RESTful APIs with Node.js, Express, and NestJS.
- Automated functional and integration tests with Jest and Selenium.
- Worked on optimizing SQL and NoSQL queries and collaborated on Angular UI integration.
- Applied TDD practices for API endpoints and integrated testing into CI/CD flows.

Engineer Intern

Drata | Sep 2022 - Dec 2022

- Built automated API tests using Jest, Supertest, and Postman.
- Contributed to an internal API testing framework.
- Integrated test cases into CI/CD pipelines using Jenkins and GitHub Actions.

## Education

Bachelor's in Mechanical Engineering

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Instituto Tecnológico de Tijuana | Graduated 2021

## Personal Projects

Full-Stack Website - Django & React (Next.js)

- Built and deployed a personal portfolio site on Vercel with Django backend and Next.js frontend.
- Integrated PostgreSQL, RESTful endpoints, and Cloudflare for performance and security.

Browser Automation - Selenium & Python

- Developed custom automation scripts to test user flows across multiple browsers.

Linux Server & Docker Testing

- Configured a personal Linux server and deployed a private cloud.
- Used Docker to run isolated services and perform testing in local environments.

## Certifications & Technical Profiles

- HackerRank: Completed several coding challenges. Certified in:
  - Software Engineer Intern (Role)
  - Python (Basic)
  - Problem Solving (Basic)
  - SQL (Basic)

Profile: <https://www.hackerrank.com/profile/lawmoob>

- GitHub: [github.com/gilbertolq](https://github.com/gilbertolq)
- Portfolio: [gilbertolq.com](https://gilbertolq.com)