




## Gilberto Lopez Quintero

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Software Engineer specializing in QA Automation with over 2 years of experience in automated API, UI, and microservice testing. Expert in Playwright, Jest, and Postman, with experience in backend development using Node.js and SQL/NoSQL databases. Skilled in creating automation scripts with Bash and TypeScript. Passionate about continuous improvement, early bug detection, and optimizing workflows through CI/CD with GitHub Actions and Jenkins.

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## Work Experience

### Associate QA Engineer - Drata (Mar 2023 - Feb 2025)

- Executed manual and automated tests for third-party integrations.
- Automated API testing using Postman, Jest, and Supertest.
- Developed UI tests with Playwright.
- Validated microservices by analyzing logs in Datadog.
- Implemented ephemeral environments with ReleaseHub and Jenkins.
- Created automation scripts with Bash and TypeScript.

### Software Engineer - Arkus Nexus (Aug 2022 - Feb 2025)

- Implemented RESTful services for managing products and users.
- Optimized communication between the mobile app and API.
- Developed a RESTful API with Express and Node.js.
- Implemented automated tests with Jest.
- Collaborated with the frontend team to integrate features.

### Engineer Intern - Drata (Sep 2022 - Dec 2022)

- Developed automated API tests using Jest and TypeScript.
  - Created scripts to validate functionality, performance, and security of APIs.
  - Integrated automated tests into CI/CD with GitHub Actions and Jenkins.
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## Education

**Bachelor's Degree in Mechanical Engineering - Instituto Tecnológico de Tijuana (5 years)**

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# Technical Skills

## Languages and Development

- TypeScript, Bash, JavaScript
- Node.js, Express, NestJS
- SQL, MySQL, MongoDB

## Testing and Automation

- Selenium, Playwright, Jest, Supertest
- Postman, RestAssured
- Cypress, QA Wolf

## CI/CD

- GitHub Actions, Jenkins

## Methodologies and Tools

- Agile, Scrum
  - BDD, TDD
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## Languages

- Spanish - Native
  - English - B1 (Intermediate)
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## Personal Projects

- **AI with TensorFlow** - Experiments with artificial intelligence models.
- **Automation with Selenium and Python** - Scripts for browser testing.
- **Docker and Kubernetes** - Basic knowledge of containers and orchestration.
- **iOS Mobile App with Ionic** - Development of a personal mobile application.