

# Alejandro Cortes

Full Stack Engineer (Web) | Automation & Manual QA

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## Technical Summary

- Automation Tools: Cypress, Puppeteer, Selenium, Postman, Jenkins, GitHub Actions
- Programming: JavaScript, TypeScript, Bash
- Frameworks: React, NextJS, Django, ExpressJS
- Cloud & DevOps: AWS (EC2, RDS, Lambda), CI/CD Pipelines, Azure Repos, Git
- Languages: Spanish (Native), English (Professional), Italian (Professional)
- Others: GitHub Copilot, API Testing, Testing Metrics & Reporting

## Professional Experience

### The SilverLogic – Full Stack Software & Automation Engineer

*April 2024 – Present / Remote (US)*

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- Refine and work in Django, NextJS and React stories for clients and projects.
- Conducted detailed code reviews and technical analysis on PRs, ensuring high-quality standards and alignment with sprint goals.
- Designed and executed E2E and component-based tests using Cypress and Puppeteer for apps built with NextJS, PHP, Django, and React.
- Developed and maintained Postman scripts and Postman Flows to automate comprehensive API testing, validating endpoint interactions.
- Actively contributed to the Community of Practice (CoP), driving process improvements and introducing new methodologies for testing efficiency

### Freelance Full Stack Engineer (E689GT / Devpack Group)

*August 2023 – Present / Guatemala (Part-time)*

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- Led small-scale AI and web development projects using React, NextJS, ExpressJS, and AWS services.
- Acted as a team lead for a 3-developer team, translating client requirements into technical solutions and ensuring code quality.
- Oversaw manual testing and code reviews for all features, delivering robust and reliable applications for local businesses.

## Xoom, A PayPal Service – Senior Quality Assurance Automation Engineer

*September 2020 – April 2024 | Guatemala*

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- Led QA efforts for 4 microservice-based applications, focusing on both manual testing and automation with Cypress, Postman, and Selenium.
- Architected and maintained automation suites, contributing to the successful launch of new integrations for African and Middle Eastern service providers.
- Spearheaded test strategy design, developed detailed test cases, and maintained up-to-date testing documentation..
- Managed CI/CD pipelines via Jenkins and Jira automation, ensuring reliable test execution and smooth delivery cycles.

## Zuntex Apparel – Lead Software Development Engineer

*September 2019 – September 2020 | Guatemala*

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- Led the design and development of a new React + Django-based system for factory operations, replacing legacy Visual Basic software.
- Managed a team of 3 developers; conducted manual testing, code reviews, and stakeholder presentations.
- Deployed systems on local intranet infrastructure, ensuring seamless operational integration.

## Digital Geko – Junior Java Developer

*March 2019 – August 2019 | Guatemala*

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- Developed web applications using Java Spring and Thymeleaf, contributing to backend and frontend tasks.
- Participated in bug fixing, new feature development, and testing support.

## Universidad del Valle de Guatemala – Teaching Assistant

*January 2016 – October 2018 | Guatemala*

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- Supported courses in Ethical Hacking and Basic Programming, assisting students with projects and grading coursework.
- Led extra instruction sessions and supervised exams.

## **Coditexsa – IT Consultant**

*January 2017 – March 2020 | Guatemala*

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- Provided technical support, infrastructure consulting, and software/hardware implementation for local businesses.
- Designed tailored solutions to meet client-specific needs, including troubleshooting and system optimization.

## **Education**

MASTER IN BUSINESS INTELLIGENCE AND ANALYTICS

Universidad del Valle de Guatemala | 2020 – 2022

Bachelor of Science (B.S.) in Computer Science and Information Technology

Universidad del Valle de Guatemala | 2014 – 2018

## **Certifications**

EF SET Certificate – English Proficiency