

# JOSE CARLOS ESTRADA

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## Professional Summary

Full-stack software engineer and IT systems analyst with 8+ years of experience designing, developing, and securing scalable web and mobile applications. Strong background in systems automation and Robotic process Automation , onboarding tools, cybersecurity monitoring, and cloud infrastructure. Promoted to senior-level role managing cross-functional tech initiatives. Currently completing Salesforce Platform App Builder Certification to support enterprise cloud development.

## Core Skills

- Programming: .NET, Python, Java, JavaScript, ColdFusion, C#, React, Firebase, SQL, WebAPI, Entity Framework, RPA UIPATH and kore.ai
- Cybersecurity: Security Monitoring, Log Analysis, Cloud Security (GCP/Firebase), Threat Detection, SIEM
- Dev & Tools: Power BI, Excel (Pivot, Power Query), REST APIs, Git, Agile, COTS Support
- Cloud/CRM: Salesforce Platform App Builder (In Progress), Firebase, AWS
- Languages: Bilingual – English/Spanish

## Professional Experience

### Software Developer Assistant Manager / IT Systems Lead (Promoted)

**Houston Window Cleaning – Houston, TX | Jan 2016 – April 2025**

- Led technical operations and built automation systems across departments, supporting 30+ staff.
- Promoted from IT Coordinator to senior leadership for reducing manual admin time by 70%.
- Designed mobile-friendly portal for scheduling, routing, and client communication using JavaScript and SQL.
- Built cloud dashboards with access control, reporting, and internal audit logging features.
- Translated business needs into functional systems across HR, finance, and safety compliance.
- Built event log system to track and alert on permission changes and unusual access events.

## **Software Engineer / Web Developer/RPA**

### **Synergy Digital Works- Remote | Jan 2024 – Present**

- Developed secure web and mobile tools (React + Firebase) for bookings, HR workflows, and e-commerce.
- Integrated analytics, logging, and role-based access systems for security visibility.
- Implemented custom dashboards for onboarding workflows, approval routing, and data entry validation.
- Built cloud database systems using Firebase, SQL, and serverless functions.
- Monitored data access and created basic alert systems using Firebase Analytics.
- Applied Agile methodology with Git version control and remote team coordination.

## **Education**

Lone Star College – Cypress, TX

Bachelor of Applied Technology (B.A.T.), Cybersecurity

Associate Degree, Computer Science

## **Certifications**

- Google Cybersecurity Certificate – July 2024
- Salesforce Platform App Builder – In Progress (Aug 2025)
- CompTIA Security+ – Target Fall 2025

## **Project Portfolio**

- Talent Pipeline Portal – Reduced onboarding time by 70% using Firebase + serverless backend
- Engineering & Security Dashboard – Log and access analysis dashboard with user tracking
- E-Commerce Platform – Stripe-integrated storefront with inventory manager and secure login
- DataOps Insight Tool – SQL + Firebase tool for report generation and cross-department auditing
- Math Game App – Gamified logic for 300+ students with scoring engine and UI animations

## **Volunteer Experience**

Mentor – CyFairCoders Online Program