PROFESSIONAL EXPERIENCE

JOSE CARLOS ESTRADA

Full-Stack Software Engineer | IT Systems Analyst | Automation Specialist

Cypress, TX | 281-733-9871 | josestrada87@hotmail.com
LinkedIn: linkedin.com/in/carlos-estrada-998167185 | GitHub: github.com/joseestrada

PROFESSIONAL SUMMARY

Results-driven **Full-Stack Software Engineer** with **8+ years** of experience developing scalable web applications and automation systems. Proven track record of **reducing manual processes by 70%** and improving operational efficiency across multiple departments. Expert in React, Firebase, JavaScript, Python, and RPA technologies. Currently pursuing Salesforce Platform App Builder certification to expand enterprise solution capabilities.

Key Achievements:

- Automated workflows saving **40+ hours/week** across 30+ staff members
- Built secure systems processing **$2M+ annual revenue** operations
- Led digital transformation initiatives reducing administrative costs by **$150K annually**

CORE TECHNICAL SKILLS

Programming Languages:

JavaScript, Python, C#, Java, SQL, HTML, CSS

Frontend Technologies:

React, HTML5, CSS3, Bootstrap, Responsive Design

Backend Technologies:

Node.js, .NET, Entity Framework, REST APIs, WebAPI

Databases:

Firebase, SQL Server, MySQL, NoSQL

Cloud Platforms:

Firebase, AWS, Google Cloud Platform, Serverless Architecture

Automation Tools:

UiPath, RPA, Kore.ai, Workflow Automation

Analytics & Tools:

Power BI, Firebase Analytics, Excel, Data Visualization

Development Tools:

Git, Agile, Scrum, Version Control, CI/CD

CYBERSECURITY SKILLS

Security Technologies:

SIEM, Log Analysis, Threat Detection, Security Monitoring, SVA,

Incident response.

Cloud Security:

GCP Security, Firebase Security Rules, Access Control

Security Practices:

Vulnerability Assessment, Event Logging, Anomaly Detection, firewalls, patch version and control

Compliance & Auditing:

Security Auditing, Access Tracking, Incident Response, anomaly detection compliance auditing

Cybersecurity Intern.
LyondellBasell Industries | Remote | May 2025 – September 2025.

- Supported regional and local computing system including Firewalls, patch management, certificate management, and vulnerability assessment.
- Assisted in Level 2 monitoring, incident response, and forensic investigations to strengthen security posture.
- Ensured compliance of ICS and business systems with corporate cybersecurity standards
- Contributed to site vulnerability assessments (SVA) and provide technical recommendations to mitigate risk.
- Collaborated with IT and Cybersecurity teams to support project design, system architecture, and security awareness initiatives.
- Gained hands on experience securing industrial control systems (ICS) while maintaining integrity, confidentiality, and availability across regional networks.

Software Engineer | Web Developer | RPA Specialist
Synergy Digital Works | Remote | January 2024 – Present

- Develop full-stack applications using **React and Firebase** serving 500+ daily users
- Design automated approval workflows reducing processing time from **3 days to 2 hours**
- Implement role-based access control and real-time logging for enhanced security
- Build responsive dashboards for HR onboarding improving efficiency by **60%**
- Integrate Firebase Analytics for user tracking and system monitoring
- Collaborate using **Agile methodologies** and Git version control in remote environment

IT Systems Lead | Internal Software Developer
Houston Window Cleaning Services | Houston, TX | January 2016 – April 2025

- Led technology transformation for **30+ employee** service organization with **$2M annual revenue**
- Developed mobile-responsive scheduling portal using **JavaScript and SQL** serving 15+ field teams
- Built comprehensive dashboards for HR, Finance, and Compliance departments
- **Reduced manual administrative workload by 75%** through custom automation solutions
- Designed internal event logging system flagging security anomalies and access violations
- Created integrated digital systems replacing fragmented manual processes
- **Promoted twice** for exceptional performance in systems modernization
- Managed IT infrastructure supporting daily operations for 30+ staff members

Key Technical Achievements:

- Automated payroll processing saving **20 hours/week** in manual calculations
- Implemented route optimization reducing fuel costs by **25%**
- Built customer portal increasing client satisfaction scores by **40%**

EDUCATION

Bachelor of Applied Technology (B.A.T.) - Cybersecurity
Lone Star College | Cypress, TX

Associate Degree - Computer Science
Lone Star College | Cypress, TX

CERTIFICATIONS

- Google Cybersecurity Certificate | July 2024
- Microsoft Azure Fundamentals (AZ-900) | Sep2025
- Splunk Core Power User | September 2025
  Computer fundamentals for Cybersecurity | Oct 2024
  Linux Essentials for Cybersecurity | April 2024
  CompTIA Security+ | Target: Fall 2025

VOLUNTEER EXPERIENCE

Coding Mentor
CyFairCoders Online Program | 2023 – Present

Mentor aspiring developers in JavaScript, Python, and web development. Conduct code reviews and provide career guidance to 20+ students.

PROJECT PORTFOLIO

Talent Pipeline Portal
Firebase, React, JavaScript

- Automated onboarding system reducing HR processing time by **70%**
- Integrated document management and approval workflows
- Built role-based dashboards for managers and administrators

Engineering & Security Dashboard
Firebase, SQL, Analytics

- Real-time access tracking and system monitoring platform
- Custom logging tools for security event analysis
- Automated alert system for anomaly detection

E-Commerce Platform
React, Stripe, Firebase

- Full-stack storefront with secure payment processing
- Inventory management and customer portal integration
- Mobile-responsive design with 99.9% uptime

DataOps Insight Tool
Firebase, SQL, Power BI

- Comprehensive reporting and auditing platform
- Automated data pipeline processing 10,000+ records daily
- Custom analytics dashboards for business intelligence

ADDITIONAL QUALIFICATIONS

- **Remote Work:** 3+ years of distributed team collaboration
- **Project Management:** Agile, Scrum, Sprint Planning
- **Database Design:** Relational and NoSQL database architecture
- **API Development:** RESTful services and third-party integrations
- **Languages:** English (Native), Spanish (Fluent)