Fred Enrriquez

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Principal Software Architect: Quote to Cash, Information Technology General Controls (ITGC), Sarbanes-Oxley (SOX) Compliance.

PROFILE

13-year Engineering Lead with expertise in RESTful and SOA integrations, automating business and development processes, and training teams on SDLC, incident responses, IPO preparations, and public company auditable development practices.

Leverages new and existing tools to identify gaps in development, CI/CD, and Quote to Cash pipelines. Translates technical documents into Business Requirement Documents and Project plans.

Cross-functional team lead committed to delivering impactful experiences for all employees, departments, and industries.

TECH SKILLS

IT General Controls and Risk Management · Typescript · Hacklang · FaaS · K8s · Virtualization · Python · GIT · MySQL/NoSQL · IaaS · Mule 4

SOFT SKILLS

Process Documentation and Automation · Quote to Cash · SOX Compliance · Technical Management · Project Management · Training and Mentorship

PROFESSIONAL EXPERIENCE

Samsara, San Francisco, CA — Principal Business Application Architect / ITGC Controller
(October 2021 – June 2023)
- Designed and implemented new SDLC processes for business technologies.
- Designed and implemented new audit-ready JIRA workflows.
- Designed, implemented, trained, and supported all aspects of the ITGC process (pre and post IPO).
- Implemented automation around ITGC and SOX proof collection for external auditors.
- Worked with internal teams (Order Ops, Sales Ops, Finance Transformation) to

identify, document, and propose solutions with a focus on Developer and Customer Experience and Scalability.

- Implemented a new organization-wide BRD process focused on maximizing business participation while minimizing development times and post-delivery support cost.
- Implemented and trained business technologies teams on Incident responses.
- Evaluated and managed vendors and relationships.

Slack, San Francisco, CA — Staff Engineer / Q2C Lead / ITGC & SOX Compliance Engineer
(March 2018 - Oct 2021)

- Designed, implemented, trained, and supported all aspects of the ITGC process pre and post IPO.
- Designed and developed a migration from Netsuite to Workday Financials for all of Slack's billing.
- Collaborated with internal auditing teams to collect proof of ITGC and SOX compliance for external auditors.
- Led a team of six Sr. and Staff Engineers, QAs, and solution architects.
- Improved Quote to Cash Order process automation from 65% to >90%.
- Improved performance in processing times between Salesforce and Workday Financials by 40%.
- Re-vamped the internal incident lifecycle management through new Slack automations.
- Reverse-engineered Workato's SaaS Ruby parsers to enable local testing, decreasing regression issues by 95%.
- Designed and implemented new automations to generate Workato deployments, unit testing, and code migrations.
- Designed and implemented new BRD processes to improve deliverables for Quote to Cash.
- Migrated Slack's Quote to Cash legacy PHP codebase to HackLang.
- Migrated monolithic Ruby tools to Python and NodeJS microservices hosted in AWS.
- Mentored and led new and existing members of the Business Technologies team (formerly known as IT).
- Led cross-functional efforts to scale billing practices for Invoice and Self Service customers.
- Automated and scaled CI/CD pipelines using Behavioral Driven Development and Test Driven Development practices.
- Designed and implemented new Hiring, testing and on-boarding practices for the Integrations team.
- Designed and developed Slack applications and bots for third-party Enterprise systems.
- Designed and developed Slack APIs to enhance Quote to Cash functionality with

Workday Financials.
- Collaborated with peers to write, review, and provide feedback on company-wide technical designs.

HRsmart / Deltek, Principal Software Architect - APIs (2015 - 2018)
- Managed an international team of developers and Quality Engineers with long-term growth potential.
- Updated the company's candidates tests to reflect the integration's department technical needs while interviewing and hiring developers.
- Performed cross-department training sessions to keep employees up-to-date with new tools and functionality in the integration platform.
- Trained vendor and client technical employees in the HRsmart API, best practices, and troubleshooting.
- Designed, developed, and implemented customer requirements into functional projects (ADFS 3.0 and LDAP integrations, multilingual API localization, testing frameworks, cryptography, self-evolving API documentation systems).
- Built internal tools and systems to assist in all aspects of the life cycle of an integration, centralized multiple site deployments in one seamless process, and reduced human involvement.
- Upgraded and extended XML RPC API, JSON API, and SOA architecture to enhance scalability, stability, and performance.
- Reviewed business requirements and implemented new Vendor integrations (Deltek, EmpowerHR).

LANGUAGES SPOKEN

- **English** - Native
- **Spanish** - Native
- **Japanese** - Basic

EDUCATION
Electrical Engineering (*Electrical Power and Energy Systems*) (**BSE**) - **Arizona State University** - Junior (*05/25 expected graduation date*).