Eric Flores

Software Engineer | 559-916-9383 | ericflores108@outlook.com | ericfloresportfolio.com

Experienced software engineer with a background in educational technology, staffing solutions, and financial consulting. Previously worked at a Big 4 firm, supporting multinational clients, and later transitioned to building data-driven applications and automated solutions for the education and staffing industries.

Work Experience

Parsec Education | Software Engineer II | July 2024 - Present

- Extracted and loaded data from 17 educational vendors, including student information systems, local assessments, and state data, into BigQuery using vendor APIs, Golang, and Google Compute Engine, and various GCP services, enabling seamless downstream reporting and analytics.
- Transformed, cleaned, and aggregated student data using Dataform, Python, Pandas, BigQuery SQL views and scheduled queries, developing automated reporting systems that generated actionable insights for school district's performance tracking and data quality.
- Built Looker Studio dashboards powered by BigQuery for multiple school districts, enabling data-driven insights into key areas such as student demographics and disciplinary trends—supporting initiatives to address disparities and improve student outcomes.

Tonic HQ | Software Developer | January 2022 - July 2024

- Developed high-volume REST APIs using Python and FastAPI for B2B platform serving 20+ enterprise clients, handling mission-critical payroll and HR data synchronization between SAP and Bullhorn ATS.
- Architected an Angular-based applicant tracking system integration with IntelAgree's AI-powered contract management API, delivering a robust solution that streamlined contract workflows and optimized contract lifecycle management for over 20 staffing agencies.
- Implemented dynamic feature flag system with caching, enabling granular customization of contract management interfaces for individual agencies, allowing personalized configuration of API interactions and UI components based on specific agency preferences and requirements.
- Developed data-driven Angular dashboards for 10+ staffing agencies, enabling recruiters to optimize job placements and achieve a 30% increase in successful hiring outcomes.
- Automated cloud infrastructure deployment using infrastructure as code (AWS CDK) and GitHub Actions, enhancing efficiency and scalability for 50+ cloud-based microservices.
- Created a full-stack nationwide automated staffing solution to match candidates and jobs based on geolocation and attributes, achieving a 25% increase in job submissions per candidate.

KPMG US | Senior Associate, EVS | July 2019 - November 2021

- Prepared comprehensive transfer pricing documentation adhering to the arm's-length principle, ensuring compliance with OECD guidelines and mitigating tax risks for multinational clients.
- Managed onboarding 5+ associates included delegating tasks, designing comprehensive training videos, and fostering a collaborative work environment.

Skills

Golang, Looker Studio, SQL, Python, Google Cloud Platform, C#, Angular, REST API, FastAPI, Node.JS, TypeScript, Java, JavaScript, AWS, Docker, Git, CI/CD, Object-Oriented Programming, Data Analysis, NoSQL, GraphQL, PostgreSQL, Linux, IaC, Terraform, Bullhorn Novo Elements

Education

Bachelor of Science in Applied Mathematics at Fordham University