

Emilio Nguyen

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SUMMARY

Vice President-level **front-end engineer** with more than nine years building secure financial applications across JavaScript, Angular, NodeJS, and .Net ecosystems. Leads architecture, delivery, code quality, and technical consultation for business groups supporting account, portfolio, client, and holdings workflows. Builds reusable HTML, CSS, and JavaScript components plus **RESTful backend services** that orchestrate distributed financial data into consistent responses. Brings practical experience with **relational databases**, Kafka, **GitLab CI/CD**, unit testing, test automation, privacy controls, code reviews, flowcharts, solution documentation, and production deployment. Trusted by IT leaders and engineering teams for clear recommendations, thoughtful collaboration, and delivery choices that reduce risk while keeping systems current.

EXPERIENCE

Vice President, Front-End Engineer

June 2023 - Present

SummitRiver Capital Technologies

New York, NY

Directs front-end and service-layer engineering for investment reporting applications across five **internal business groups**. Advises IT management, guides multi-team standards, and connects architecture decisions with secure, maintainable delivery.

- Directed Angular interfaces and .Net service layers for account, portfolio, client, and holdings workflows, giving business groups consistent investment reporting views.
- Shaped RESTful orchestration services that joined **relational databases** and portfolio platforms, returning single responses that simplified downstream application use.
- Established reusable HTML, CSS, and JavaScript libraries with accessibility, privacy, security, and coding conventions adopted by three product squads.
- Designed GitLab CI/CD architecture with gated unit tests, static checks, artifact promotion, and release approvals, creating a repeatable production path.
- Reviewed **JavaScript**, Angular, NodeJS, and .Net changes for maintainability, test coverage, privacy exposure, and alignment with **technology standards**.
- Presented integration recommendations and emerging-technology assessments to **IT management**, balancing delivery needs, **technical debt**, operational risk, and platform currency.

Senior Front-End Engineer

January 2021 - May 2023

HarborPoint Asset Services

New York, NY

Owned front-end and service delivery for portfolio servicing and client research portals. Converted business needs into practical designs, coordinated release readiness, and supported event-driven applications used by roughly 30 consumers.

- Converted portfolio servicing requirements into Angular and JavaScript **layouts**, **flowcharts**, and test plans, giving analysts and engineers a shared delivery path.
- Developed NodeJS gateways and .Net REST endpoints that coordinated holdings and account data from relational sources while preserving response contracts.
- Introduced shared UI utilities, CSS patterns, and validation modules, reducing duplicate implementation across servicing and analytics screens.
- Built GitLab **CI/CD pipelines** with unit testing, configuration controls, code-quality checks, and controlled releases for front-end and **backend systems**.
- Provisioned Kafka topics and application access patterns through Python and **Shell script** utilities, supporting event-driven updates for approximately 30 consumers.
- Facilitated **code reviews** and release-readiness sessions, resolving integration issues before deployment and strengthening security and privacy practices.

Front-End Engineer

August 2019 - December 2020

BlueOak Markets

Boston, MA

Delivered customer-facing internal market-data and account tools for operations, risk, and relationship-management teams. Combined interface development, service integration, testing, and documentation across six application modules.

- Delivered **JavaScript** and **Angular** interfaces for market-data and client-account workflows, helping operations and relationship teams review information with fewer handoffs.
- Implemented **.Net** RESTful services that joined account, client, portfolio, and holdings records from separate sources into caller-ready responses.
- Created reusable **HTML** and CSS components, form controls, and data-display patterns, bringing consistent behavior across six application modules.
- Added unit tests and service-level test suites for missing **holdings**, stale records, and authorization failures, catching defects before integration testing.

- Contributed Git branching standards and pipeline templates that automated builds, test execution, and deployment packaging for development environments.
- Produced technical flowcharts and integration notes for business stakeholders, clarifying dependencies across front-end, **backend**, and support teams.

Software Engineer

July 2017 - July 2019

CedarBridge Financial Software

Hartford, CT

Built foundational financial-data applications under senior engineering guidance. Supported JavaScript, Angular, .Net, relational data, testing, Git workflows, and production investigations across two development teams.

- Built **JavaScript** and Angular features for financial-data workflows, translating analyst feedback into usable screens under senior engineering guidance.
- Developed .Net endpoints for account and portfolio lookup, applying relational query practices and response validation for dependable consuming screens.
- Converted functional requirements into page layouts, reusable HTML and **CSS** elements, and implementation notes used during sprint planning.
- Added unit tests for controllers, services, and data mapping, isolating defects before integration testing and supporting dependable release candidates.
- Used **Git** workflows and early CI/CD jobs to standardize builds, test execution, and deployment preparation across two development teams.
- Investigated production tickets involving incomplete client and holdings data, tracing failures across browser requests, **backend** services, and source-system responses.

PROJECTS

Unified Financial Data Gateway 📅 2024

Created a reusable service pattern for orchestrating account, portfolio, client, and holdings data from distributed sources into one secure RESTful response for consumer applications.

Kafka Provisioning Toolkit 📅 2022

Built Python and Shell script utilities for Kafka topic provisioning, access setup, and repeatable deployment support across event-driven financial applications.

LEADERSHIP & AWARDS

- Technology Leadership Recognition, SummitRiver Capital Technologies, 2025
- Engineering Excellence Award for Secure Delivery, HarborPoint Asset Services, 2023
- Peer-nominated Code Quality Leadership, BlueOak Markets, 2020

EDUCATION

Bachelor of Science in Computer Science

2017

University of Connecticut GPA: 3.7

Storrs, CT

***Coursework:** Data Structures, Database Systems, Software Engineering, Computer Networks*

CERTIFICATIONS

- AWS Certified Developer - Associate 📅 2024
- Certified ScrumMaster 📅 2022

TECHNICAL SKILLS

- **Frontend Development:** JavaScript, Angular, HTML
- **Styling Systems:** CSS, responsive layouts, reusable components
- **Backend Development:** .Net, C#, NodeJS
- **API Engineering:** RESTful APIs, response contracts, service integration
- **Data Platforms:** Relational databases, SQL, data mapping
- **Source Control:** Git, branching standards, merge requests
- **CI/CD Platforms:** GitLab CI/CD, pipeline gates, artifact promotion
- **Event Streaming:** Kafka, topic provisioning, consumer access
- **Testing Practices:** Unit testing, test automation, service testing
- **Scripting Languages:** Python, Shell script, deployment utilities
- **Security Engineering:** Secure coding, privacy principles, authorization
- **Architecture Methods:** Architecture design, integration strategy, technical standards

SKILLS

- JavaScript
- RESTful APIs
- GitLab CI/CD
- Unit testing
- Angular
- HTML and CSS
- Kafka
- Test automation
- NodeJS
- Relational databases
- Python
- Code review
- .Net
- Git
- Shell script

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery, 2020 - Present
- Member, Financial Services Technology Consortium, 2021 - Present

LANGUAGES

- English (Native)
- Vietnamese (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST