

# Vincent Clyde Burgos

Technology Leader & Architect — VP / Head of Engineering · CTO · Principal Architect

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## SUMMARY

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Technology leader and architect with 15+ years building engineering organizations and high-scale systems. Operated as Fractional CTO, Head of Engineering, and Principal Architect across FinTech & Payments, HealthTech, EdTech, HR, and Ecommerce — turning technical strategy into measurable outcomes: +40% throughput, \$72K+/yr savings, and teams scaled from a handful to 26+.

## SELECTED IMPACT

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- +40% engineering throughput and -20% reported bugs in one year; absorbed a 45% headcount reduction with zero throughput loss.
- Reduced cloud spend ~\$5-6K → ~\$2K/mo; ~\$72K+/yr compounded savings via infrastructure optimization and automation.
- Sustained 2M requests/minute at peak (BFCM) with a 3-person team on a platform serving 50K+ merchants.
- Built an engineering org from 2 to 26 engineers/QAs/PMs across 6 products as Fractional CTO.

## EXPERIENCE

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### **Fractional CTO — Payments / FinTech Startup (Confidential)** *Fractional*

- Built the engineering organization from zero — operating model, hiring, processes, and engineering best practices.
- Scaled the team 2 → 26 (engineers, QA, PM) across 6 production products; owned hiring, performance, and offboarding.
- Drove presales, proposals, and prototyping through execution and delivery in a regulated payments domain.

### **Head of Engineering & Technical Consultant — Confidential** *2023 – Present*

- +40% weekly throughput, -20% bugs in one year via process and quality re-architecture.
- ~\$72K+/yr compounded savings; led AI adoption (AI voice agent, AI search, N8N automation) recovering ~\$30K/yr.
- Authored a playbook adopted by 200+ staff; recruited Head of Data and Head of Cloud & Infrastructure; stood up a Data Lake.
- Built and delivered 6+ revenue-generating client engagements from presales through delivery.

### **Consulting & Architecture — Selected engagements** *2021 – 2023*

- Technical Program Manager (Airline): roadmap and technical strategy; grew team 6 → 12 in six months.
- DevOps / SRE Lead (Pharma & Enterprise): Agile/DevOps adoption, CI/CD, and incident-automation workflows.
- Senior Software Architect (multiple clients): gateway/microservice design; Azure Cognitive Services automation.

### **Technical Lead / Engineering Manager — Ecommerce Review Platform** *2021 – 2022*

- Sustained 2M req/min at BFCM with a 3-person team; scaled engineering 3 → 15 including onboarding a new CTO.
- Built internal API + Retool tooling that sharply cut support-ticket volume; Senior Architect on critical-path features.

### **Technical Lead — Scale Squad** *2019 – 2021*

- Architected 4 correlated products on microservices; owned CI/CD and Azure infrastructure, cost, and security.
- Implemented cloud-native services (CosmosDB, Blob, CDN, App Services, App Insights); ran twice-monthly tech talks.

### **Earlier Experience**

2011 – 2020

Lemongrass Consulting (Sr. Engineer & Architect) · ClinkIT Solutions (.NET/Full-Stack; OpenID B2B gateway, 90% Selenium coverage) · ITMASKINEN (Lead Engineer) · Coding Avenue (payment-gateway & EdTech) · DataSoft Logic (Medicaid/Medicare billing, EMR) · HubPort Interactive (Web Developer).

### **SKILLS**

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**Leadership:** Org design · Hiring & performance · Technical strategy · Presales & delivery · Public speaking

**Architecture & Cloud:** Microservices · DDD/SOLID · TOGAF · Azure (primary) · AWS · CI/CD · Docker/Kubernetes · Observability

**Engineering & AI:** C#/.NET · ASP.NET · TypeScript/Angular/Node · SQL/CosmosDB · AI tooling & agents · N8N · Databricks

### **CERTIFICATIONS**

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Penn (Wharton) AI for Business · Databricks Lakehouse Fundamentals · Azure AI & Data Fundamentals · MTA Software Development · TOGAF 9 (L1 & L2) · Cloud-Native DevOps Bootcamp. *Actively pursuing:* Azure Solutions Architect Expert, DevOps Engineer Expert, Administrator, Developer Associate.