

Alex Klatt

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Hands-on backend and platform engineer with 9+ years designing, modernizing, and optimizing enterprise financial software across C#/.NET, REST microservices, SQL Server/Oracle, Redis, SignalR/WebSockets, AWS, Docker, and Kubernetes. Deep experience designing service boundaries, APIs, real-time application capabilities, and high-value trading and lending workflows. Currently lead a 30+ person application development organization while remaining active in architecture, technical design, performance troubleshooting, prototyping, and developer tooling. Proven record translating ambiguous requirements into scalable system designs and driving complex technical initiatives across teams.

Technical Strengths

Languages & Frameworks: TypeScript, JavaScript, C#, Dart, Python, SQL, Angular, .NET, Flutter, Flask

Platform & APIs: REST APIs, Microservices, SignalR/WebSockets, SQL Server, Oracle, Caching, Batch/Data Processing, EF Core

Cloud & Delivery: AWS (Certified), AWS CDK, Docker, Kubernetes, Redis, Jenkins, GitHub, Azure DevOps, SonarQube

Operations: Splunk, Dynatrace, Datadog, production monitoring, performance troubleshooting

GenAI & AI Tooling: OpenAI APIs, Gemini APIs, A2UI, GitHub Copilot, Codex, Claude Code

Leadership: Platform modernization, Innovation Champion, cross-team delivery, technical hiring, public speaking

Experience

Raymond James, Remote (travel to St. Petersburg, FL)

Sep 2022 - Present

Director, Application Development

- Lead architecture and engineering strategy for business-critical Fixed Income platforms spanning trading, mortgage and consumer loan workflows, reporting, analytics, and operational tooling across a 30+ person application development organization.
- Remain hands-on in architecture reviews, technical design, performance and delivery troubleshooting, prototyping, and developer tooling; translate ambiguous business needs into scalable system designs and implementation plans.
- Drive API-first platform modernization through reusable services, shared engineering standards, CI/CD adoption, and cross-team delivery practices.
- Designed and built a GenUI-based AI workflow for the 2026 Innovation Challenge, turning natural-language requests into guided ServiceNow form completion; selected to pitch the solution to C-suite leadership.
- Serve on the Raymond James AI Council as the sole software development representative for approximately 500 developers; shape responsible AI-assisted development practices and spearhead adoption of GitHub Copilot, Codex, and Claude Code. Teach internal Tech Academy courses and delivered "Stop Programming. Start Engineering." to ~2,000 IT associates.
- Conceived and launched an Innovation Engineer program that gives developers structured 10% time to prototype high-value ideas using AI-assisted engineering practices.
- Architected and delivered a cross-department Data Lake initiative with business stakeholders, technology teams, and PwC, aligning data access, governance, and platform strategy.
- Built the 2024 Raymond James Innovation Challenge-winning Cognitive Computing Service using OpenAI APIs to summarize CRM notes and improve knowledge retrieval.

Raymond James, Memphis, TN

May 2017 - Sep 2022

Lead Full Stack Developer

- Architected and delivered Angular/.NET platforms powering Fixed Income mortgage and consumer loan workflows, including role-specific UIs, reporting tools, static loss models, validation workflows, and operational dashboards.
- Designed and implemented modular REST services across 9+ C#/.NET microservices, creating reusable business capabilities, clearer service boundaries, and faster cross-team delivery.
- Built dynamic Excel/PDF report generation capabilities used for sales strategy, underwriting analysis, investor communication, and internal operational workflows.
- Introduced Redis and SignalR (WebSockets) to support real-time application experiences and improve responsiveness across internal platforms.
- Regularly reviewed pull requests, mentored junior developers, led technical design discussions, and remained hands-on across frontend, backend, database, and deployment concerns.
- Optimized SQL Server and Oracle procedures to improve query performance, data integrity, and reliability across high-value business workflows.

Selected Personal Projects

ScribeSphere , <i>Web Application (PWA)</i> - scribesphere.com	Oct 2024 – Present
Built a Flutter/.NET AI writing platform with version control, manuscript and character management, OpenAI/Gemini integrations, and an AWS architecture spanning S3, Lambda, EC2, Aurora, and DynamoDB.	
Make Believe Pages , <i>Web Application (PWA)</i> - makebelievepages.com	May 2026 – Present
Built a Flutter/.NET AI-powered coloring platform that transforms natural-language ideas and uploaded photos into personalized printable and interactive coloring pages, with guided prompt refinement and generation workflows.	
Map't , <i>Mobile Application</i> - maptout.app	Nov 2020 – Present
Built a cross-platform Flutter/.NET event marketing and collaboration platform on AWS, using Lambda, Aurora, DynamoDB, and SQS/SNS messaging alongside Cognito, CloudFront, and SES.	

Education

University of Memphis , Memphis, TN	May 2017
B.S Computer Science, Minor in Mathematics	
All-Conference NCAA track athlete (800m), team captain, and school record holder	
University of Memphis , Memphis, TN	May 2019
M.S.B.A Finance	