EVAN HSIA - AI AUTOMATION AND AWS SERVERLESS ENGINEERING CONSULTANT

Division Tech Lead | Managing 11 Engineers | Architecting 10M+ Event Systems | New York, NY
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WHAT I DO
I help engineering teams design scalable AWS serverless systems, build production AI automation, and modernize full-stack platforms. I also provide part-time, high-leverage Engineering Leadership support focused on architecture direction, velocity improvement, and reliability.

AREAS OF EXPERTISE

AI Automation and AI Agents (MCP and internal tooling)
- Engineering workflow automation and production agent design
- PR review acceleration, automated testing, ticket triage
- On-call runbooks and reliability automation
- Internal LLM tooling and orchestration
- AI workflows that reduce engineering load and increase throughput

AWS Serverless Architecture (10M+ events per month)
- Lambda, EventBridge, SQS retry and dedup, Step Functions, DynamoDB
- Event-driven design patterns
- Reliability engineering and distributed systems diagnosis
- Cloud cost optimization
- Zero-downtime migrations

Engineering Leadership (managing 11 engineers)
- Team structure, leveling, hiring, and promotions
- Delivery acceleration and roadmap alignment
- Process optimization: grooming, standups, reviews
- Increasing engineering throughput without burnout

Full-Stack Modernization (React and Next.js, NestJS, Python and .NET)
- Dashboard rebuilds
- API modernization and performance tuning
- High-impact UI improvements (approximately 50-60 percent faster)
- Migration from legacy code to modern stacks

HOW I WORK
- Async-first with minimal meeting load
- Fast onboarding to unfamiliar systems
- Clear architecture documents and recommendations
- Practical, high-leverage guidance, not theory

TYPICAL ENGAGEMENTS

- AI Automation Build (2-4 weeks): $6k-$18k
- AWS Architecture Review and Remediation: $5k-$15k
- Engineering Leadership Advisory (5-10 hours per month): $1.5k-$4k
- Part-Time Engineering Leadership: $3k-$7k per month
- One-Time Technical Audit: $1k flat

BUSINESS IMPACT
- Reduced failed event flows by roughly 30-40 percent using advanced SQS patterns
- Improved dashboard performance by approximately 50-60 percent
- Cut alert fatigue by nearly half through automation
- Achieved 99.99 percent uptime on high-scale job distribution pipelines
- Achieved meaningful infra cost reductions (around 30 percent) by replacing cron jobs with event-driven flows

CONTACT
Email: evan.hsia.consulting@gmail.com
Based in New York, EST. Evenings and weekends availability for consulting.