

Nicholas D. George

Senior Software Engineer • Enterprise AI, Agents & Integrated Platforms

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PROFESSIONAL SUMMARY

Seven-plus years bridging full-stack engineering, cloud infrastructure, and workflow automation—with a disciplined focus on delivery, stakeholder alignment, and measurable operational lift across Fortune-scale enterprise systems.

EXPERIENCE

Registix • Senior Backend Developer

Nov 2025 — Present • Cornelius, NC

- Built MCP server and agent experiences in Python on AWS supporting 100+ internal users—with measurable latency gains.
- Delivered Flask and Functions Framework services for truckload orchestration and high-volume inventory workloads (1k+ SKU-class entities).
- Stood up Google Cloud Services + Docker preproduction mirroring prod risk; automated Jenkins pipelines cutting release effort by roughly half.

Bank of America • Application Architect V • Contractor

Jul 2023 — Jul 2025 • Houston, TX

- Directed migration-ready testing and validation for Hadoop (HDFS) moves while protecting integrity benchmarks.
- Partnered across five-plus cross-functional pods to stabilize silent failures and refresh stale data lineage.
- Improved executive-facing trade data visibility by ~30% with custom Python + JavaScript tooling for trading operations.
- Codified onboarding across complex distributed systems, compressing new developer ramp time from months to weeks.

Nick George SEO • Principal Consultant • Growth Engineering & Digital Strategy

Dec 2018 — Jul 2023 • Houston, TX

- Managed squad of engineers and designers launching platforms that materially improved retention and engagement (~20%).
- Integrated TensorFlow + Python analytics with high-speed camera hardware for differentiated product experiences.
- Grew a SaaS product to 359 paid subscribers organically; built real-time pricing engines tracking 12 online stores in live sync.
- Built proprietary SEO tooling and counsel-driven vetting pipelines that consistently delivered double-digit ranking and throughput gains.

Cotton Holdings • Marketing & SEO Specialist (Engineering focus)

Dec 2016 — Dec 2018 • Houston, TX

- Drove +45% website conversion improvement and +105% organic traffic growth across five brand properties.
- Generated pipeline with an estimated \$1.8B in lead potential value and grew inbound call volume by 70% year-over-year.
- Built 14 software applications to streamline field and back-office workflows; automated Salesforce ↔ web integrations spanning nine brands.
- Automated finance department reporting workflows—recovered 18 hours of weekly team capacity by eliminating 3 manual analyst roles.

Advanced Marketing Professionals • CFO

Sep 2014 — Jan 2016 • Houston, TX

- Generated \$1.2M+ in sales revenue within 8 months through disciplined field leadership and performance-driven culture.
- Directed a 77-agent door-to-door marketing force, owning hiring, coaching, and quota attainment.
- Set three Houston market records: 1,221 sales in a single month (Nov 2014), 543 in one week, and 96 in a single day.

CORE CAPABILITIES

AI & intelligent systems	Agent orchestration • MCP tooling • Custom model integration • Workflow automation (human + bot) • Observability & rollback
Platforms & reliability	Google Cloud • AWS • Docker + CI/CD (Jenkins) • Python (Flask, Functions Framework) • JavaScript
Leadership & scale	Cross-functional architecture reviews • Mentorship & onboarding • RBAC/federated ownership • Stakeholder communication

EDUCATION

Texas State Technical College — Dual Enrollment Program • Harlingen, TX

2006 — 2008

Lone Star Community College — Psychology • The Woodlands, TX

2010 — 2011