

AYKHAN RUSTAMOV

NetSuite Administrator & Solution Developer · Full-Stack Product Engineer

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PROFESSIONAL SUMMARY

NetSuite Administrator and Solution Developer on a live US production account, and a full-stack engineer who ships complete platforms solo. 4+ years building for clients across the US, Turkey, Dubai and Azerbaijan. At Synergy3 I own the warehouse picking and returns platform, the Preventative Maintenance and recurring-billing module, municipal permit automation and SMS dispatch automation, alongside the company's entire internal support queue: over 100 requests resolved since June 2026 with same-day turnaround. I use AI-assisted tooling to move faster while owning the architecture myself, reading every line shipped and driving testing, deployment and support. In 2026 alone I shipped an ERP maintenance module to production, launched a social app to Google Play, and built 99tick.com solo in two months.

PROFESSIONAL EXPERIENCE

NetSuite Administrator & Solution Developer · Synergy3 Solutions (US, Remote)

Jun 2026 to Present

Web Developer · Synergy3 Solutions (US, Remote)

Sep 2026 to Present

Administrator on a live US production NetSuite account (ERP plus NextService Field Service Management). One of a four-person technology team. Every system below was handed to me as a requirement and built by me alone, end to end.

Warehouse Picking & Returns platform (solo developed)

- Designed and shipped the full stack, roughly 12,000 lines: SuiteScript 2.1 backend, tablet single-page app, and a Node/TypeScript gateway on Cloud Run, with four unit test suites, GitHub Actions CI/CD, infrastructure bootstrap scripting and six documentation files.
- Eliminated duplicate inventory fulfillments on unreliable warehouse Wi-Fi by designing a client-UUID idempotency and replay model resolved server-side against NetSuite.
- Re-architected the request path with separate read and write timeout budgets, so an abandoned ERP write is never misreported as a failure. That misreport was the root cause of the duplicate submissions.
- Migrated the app off a public Suitelet onto Cloud Run with Google OIDC (audience, hosted domain, verified email and expiry all enforced) and OAuth 1.0a request signing, keeping every ERP read and write in one shared library so the two entry points cannot drift. Documented single-step rollback.
- Integrated Gemini vision into the picking flow, with its own test coverage.

Preventative Maintenance and billing automation (solo developed)

- Shipped a complete Preventative Maintenance module to production in two weeks: 3 custom record types, 8 automation scripts, auto-generated visit schedules, renewal and compliance logic, technician signature enforcement, PDF generation and a live stats portlet.
- Built the recurring-billing engine on top of it: a daily Map/Reduce billing run against Versapay stored payment tokens, a charge-log record and season-mapping configuration record, retry and dunning rules, seasonal visit-scheduling windows, and per-visit invoicing for legacy members.
- Added a complimentary plan tier that invoices at zero for year one and then bills the saved card automatically from a per-contract plan value, with the contract tagged accordingly.
- Automated the evaluation-to-install billing path: approval creates the install sales order carrying the evaluation link, findings and stage and closes the evaluation with no invoice, while denial raises the evaluation fee invoice and closes it as Denied. Both money paths validated through a nine-check UAT.

SMS dispatch automation and Slack notifications (solo developed)

- Built the outbound Sinch SMS path: job-start customer texts fired on the technician's Start Job, with a guardrail added after a root-cause investigation into unintended sends.
- Built the dispatcher-facing layer over the inbound reply stream. Each reply is correlated to its customer and subsidiary, the original outbound message, the related task with job-site address, and the sales order, then surfaced as one actionable row in an Unread SMS Replies portlet with an acknowledge action and links into every linked record. 267 replies acknowledged in production.
- Built a reusable Slack connector on the same correlation, posting each inbound reply and each priority dispatch request into its channel with links back into NetSuite, and flagging emergencies from the order's Emergency Work Order field rather than from message wording.

Municipal permit automation and Permit Portal (solo developed)

- One-click generation of complete permit packets: official Construction, Electrical, Plumbing, Mechanical, Fire and Chimney subcode forms, auto-filled with pdf-lib directly from NetSuite records.
- Took over a stalled Permit Portal and rebuilt it as a full single-page app: pipeline and address views, smart filters, AI-powered equipment lookup, status tracking and one-click packet generation, over a township reference set driving per-municipality requirements.

Field portals, dashboards and client reporting (solo developed)

- Built the field photo stack end to end (roughly 5,000 lines): Google Drive OAuth library, upload library and a queued Suitelet, with domain-restricted sign-in, environment-aware routing read from the NetSuite environment profile, and a documented reliability model for unstable field connections.
- Built a CSR follow-up queue portlet with interaction logging, disposition tracking and callback scheduling, served from a Suitelet to work around NetSuite stripping scripts out of portlet HTML.
- Priority Dispatch Request and KPI portlets scoped by department and parent account, role-based dashboards, a Slack to Trello support pipeline, and utility-program form automation that routes the correct audit and permit forms into each customer's Drive job folder.
- Automated weekly client reporting through its fourth revision: a branded HTML email aggregating tasks, cases and sales orders on the program's Wednesday-to-Wednesday cadence, with completion resolved per project rather than per visit.

Production support and stabilization

- Own the internal support queue end to end: over 100 requests resolved since June 2026 with same-day turnaround. Recognized by leadership for performance-team speed.
- Diagnosed and eliminated freezes, performance problems and long-standing bugs by refactoring legacy SuiteScript automations, including restoring an inherited notification script by tracing an unreadable platform error to a rethrow inside afterSubmit.

Web development and technical SEO

- 64 commits across 40+ merged pull requests on the company's multi-territory marketing site: structured-data coverage, metadata and breadcrumb corrections, image-weight and LCP optimization (public assets cut from 60 MB to 43 MB), accessibility fixes, and utility-partner landing pages (Atlantic City Electric IQ, Elizabethtown IQ) with lead capture into NetSuite and per-program attribution.

Solo Full-Stack Developer · 99tick.com (Travel Platform, contract build)

May 2026 to Jul 2026

- Built and launched a flight-booking platform with a social layer end to end in two months, solo: travelers flying to the same destination meet in flight "lobbies" and chat before they fly. Monetized from day one through airline-ticket affiliate commissions (Kiwicom, Travelpayouts), earning revenue on zero-cost infrastructure.
- Engineered the full stack (vanilla-JS frontend, Supabase with row-level security, Auth, Storage and Edge Functions) and an automated trust pipeline converting confirmed affiliate purchases into verified in-app tickets, with lobby access, matching and messaging permissions enforced at the database level.

Solo Full-Stack Developer · SporyTex (Social App, client-commissioned build)

Mar 2026 to Jun 2026

- Architected and shipped the entire mobile platform solo to client specification. Live on Google Play since June 2026.
- Snapchat-style live map for real-time user discovery, FitPoint gamification, admin and moderation panel, real-time messaging, OpenAI content moderation and an algorithmic feed. Owned the release pipeline end to end: native Android builds and signing via Capacitor, Play Console setup, store listing and production rollout, monetized through AdMob and RevenueCat.

Freelance Developer · GAI StartUP (Generative-AI VC)

Mar 2025 to Dec 2025

- Turned investment-stage product ideas into working MVPs for portfolio companies, accelerating early validation cycles, and shipped internal tooling across multiple concurrent AI-native initiatives.

Full-Stack Developer (Contract) · Solvo & Techneo, International Clients

2022 to 2025

- Delivered full-stack web architectures and high-load backends for enterprise clients across four markets.
- Built Solvo, an interactive restaurant menu with in-app payments and real-time order flow, and created premium 3D and immersive web products (Three.js, WebGL, custom GLSL shaders) for corporate and e-commerce clients.

Earlier: Manager, Azpen (family business, sales and operations, 2018 to present, hybrid) · HR Specialist, International BOKT (2021 to 2022).

TECHNICAL EXPERTISE

ERP / NetSuite	Production account administration, SuiteScript 2.1 (User Event, Scheduled, Suitelet, RESTlet, Client), custom records and workflows, saved searches, portlets, single-page Suitelet portals, SuiteCloud / SDF, TBA (OAuth 1.0a) integrations, PDF generation (pdf-lib), payment-token billing (Versapay), CSV imports, NextService FSM
Core	JavaScript / TypeScript, Node.js, Python, HTML5 / CSS3, REST APIs, WebSockets, responsive UI
Cloud & DevOps	Google Cloud Run, Secret Manager, Google OIDC, Docker, GitHub Actions CI/CD, Cloudflare (DNS, Workers, Email Routing), Netlify, Git, unit testing, macOS / Linux
Automation	API and webhook pipelines, Map/Reduce and scheduled jobs, PDF form autofill, HTML email reporting, SMS (Sinch), Slack connectors, third-party integrations (Versapay, Travelpayouts, OpenAI, Gemini)
Data & Backend	PostgreSQL / SQL, Supabase (RLS, Auth, Edge Functions), Firebase, schema design, auth and payments, CSV data migration
AI-Assisted Dev	Agentic coding workflows, OpenAI / Gemini / Groq API integration, in-app AI features (vision, moderation, recommendations, smart lookup), prompt engineering, LLM workflow automation
Mobile, 3D, Design	Capacitor, Android Studio, Google Play deployment, AdMob, RevenueCat; Three.js, WebGL, custom GLSL shaders, Figma, design systems

WHAT SETS ME APART

- **Production ownership.** Administrator on a live US ERP, carrying the support queue for an entire company while shipping new modules into the same system.
- **Engineering hygiene in an ERP world.** Unit tests, CI/CD pipelines and written documentation on NetSuite work, uncommon in this field and the reason the systems I ship stay shipped.
- **Speed with solo ownership.** Entire products in weeks (an ERP module in two weeks, 99tick in two months, the SporyTex core in 20 days), owned from schema through backend, UI, deployment and support, with a rare mix of enterprise NetSuite depth and consumer-product shipping instinct.

Languages: Azerbaijani (Native) · Turkish (Fluent) · English (Advanced written, Upper-Intermediate spoken) · Russian (Basic)