



NEXORA TECH

ENTERPRISE IT SERVICES & AI SOLUTIONS

'& OFFICIAL COMPANY PROFILE · 2026

Engineering Smarter Digital Solutions for Growing Businesses.

We help businesses innovate, automate, and scale through custom software, AI-powered solutions, cloud technologies, and intelligent system integrations.



CORE CAPABILITIES AT A GLANCE

Custom Software

Enterprise web, mobile & microservices

Cloud Architecture

AWS, Azure, GCP & Kubernetes DevOps

Applied AI & LLMs

Private RAG pipelines & autonomous agents

Process Automation

Document AI, ERP integrations & workflows

ABOUT NEXORA TECH

Architecting Dependable Software and Applied AI

Nexora Tech is an enterprise IT services and AI solutions company. We combine modern software craftsmanship, robust cloud infrastructure, and responsible artificial intelligence to solve complex business problems for ambitious and growing organizations.

OUR MISSION

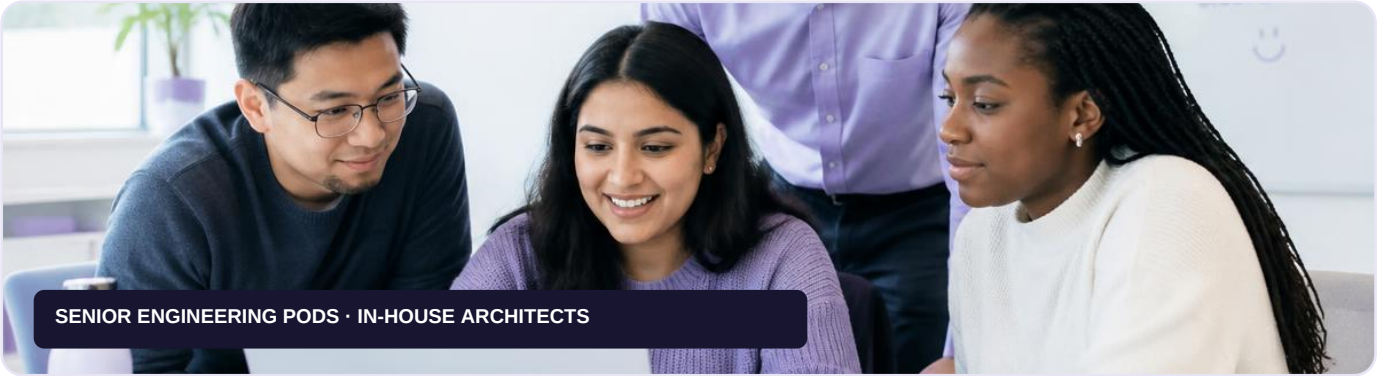
Operational Velocity & Value

To empower growing and regulated enterprises with custom software, robust cloud architectures, and responsible AI engineering that drive tangible operational velocity, reduce technical debt, and create lasting enterprise value.

OUR VISION

The Dependable Partner Standard

To be the premier engineering partner for enterprises navigating digital complexity—setting the global benchmark for code quality, security compliance, zero-downtime reliability, and pragmatic, measurable artificial intelligence adoption.



OUR OPERATING PRINCIPLES

How We Deliver Results Without Agency Overhead

- **Zero Junior Offshoring:** Client engagements are led directly by staff engineers, cloud architects, and applied AI specialists.
- **2-Week Sprint Deliverables:** Working software is demonstrated in staging every 14 days, ensuring complete predictability and zero surprise.
- **100% IP & Code Ownership:** All source code, infrastructure automation, documentation, and trained weights transfer entirely to your business.
- **Production-Grade QA & Security:** Automated unit tests, integration suites, and security scans (SAST/DAST) run on every pull request prior to deployment.

OUR SERVICES

Full-Lifecycle IT & Artificial Intelligence Capabilities

Nexora Tech provides comprehensive engineering across seven specialized IT disciplines. Each service is delivered by senior cross-functional pods with deep domain expertise, proven architecture patterns, and rigorous SLAs.

- 01

Custom Software Development

Full-Cycle Engineering

Web applications, enterprise SaaS portals, and cross-platform mobile apps built with React, Next.js, Flutter, and Go.
- 02

AI & LLM Solutions

Applied AI

Enterprise RAG pipelines, fine-tuned domain models, vector search engines, and autonomous cognitive reasoning workflows.
- 03

Business Process Automation

Process Automation

Automated invoice parsing, multi-channel document OCR, ERP synchronization, and intelligent exception handling.
- 04

Cloud Solutions

Cloud Infrastructure

Multi-cloud architecture on AWS, Azure, and GCP, Kubernetes orchestration, Terraform IaC, and automated GitOps pipelines.
- 05

API & System Integrations

Ecosystem Connectivity

Unifying legacy ERPs, CRMs, and third-party SaaS platforms with real-time Kafka event streaming and secure API gateways.
- 06

Application Modernization

Legacy Modernization

Deconstructing legacy monoliths using the Strangler Fig pattern, zero-downtime database cutovers, and technical debt elimination.
- 07

Support & Maintenance

24/7/365 SRE Support

Proactive 24/7 telemetry monitoring, automated security patching, disaster recovery drills, and guaranteed 15-minute SLA.

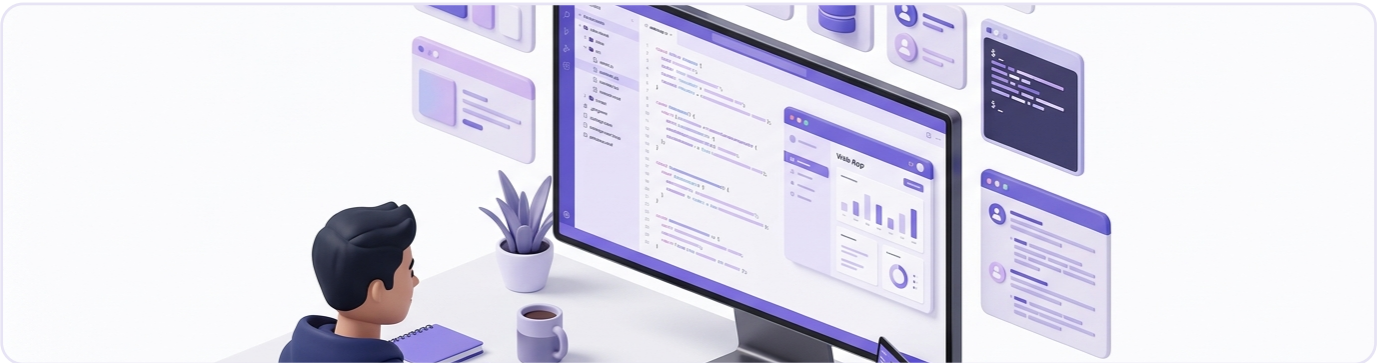
FLEXIBLE ENGAGEMENT MODELS

Engage via Fixed-Scope Project Delivery, Dedicated Autonomous Engineering Pods, or 24/7 SLA-Backed Support Retainers.

SERVICE DEEP DIVE 01

Custom Software Development

We design, build, and deploy production-ready web platforms, enterprise systems, and cross-platform mobile apps using modern full-stack architectures and rigorous software engineering standards.



BUSINESS CHALLENGES

Why Off-The-Shelf Fails Growing Firms

- **Rigid Workflows:** SaaS templates force businesses into awkward operational compromises.
- **Costly Licensing:** Per-seat fees multiply rapidly without delivering customized capabilities.
- **Data Silos:** Fragmented standalone tools prevent unified real-time analytics.

OUR CAPABILITIES

Full-Stack Architecture & Delivery

- **Enterprise Web Apps:** React, Next.js, and TypeScript with responsive interactions.
- **Cross-Platform Mobile:** Flutter & React Native delivering 60fps performance on iOS & Android.
- **Modular Microservices:** High-throughput APIs engineered in Go, Python, or Node.js.

ENGINEERING SPECIFICATIONS

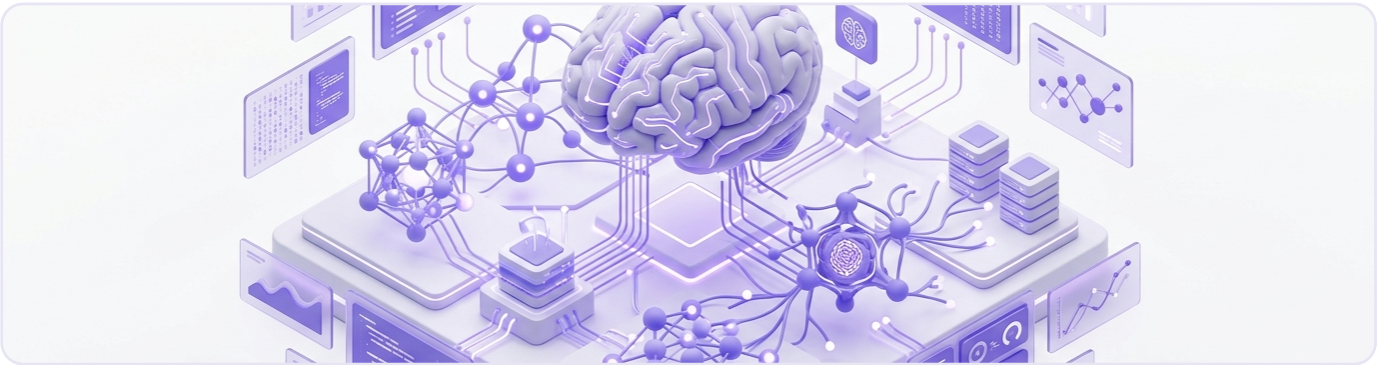
Architectural Guarantees Built Into Every Build

- **99%+ Test Coverage:** Automated Jest, Vitest, and Playwright end-to-end regression suites.
- **Zero Vendor Lock-In:** Strict reliance on open standards, Docker containers, and clean SQL schemas.
- **CI/CD Automation:** Automated preview branches and blue-green deployments to cloud staging.

SERVICE DEEP DIVE 02

AI & Large Language Model (LLM) Solutions

We build production-grade machine learning systems, secure enterprise RAG pipelines, and fine-tuned models that extract intelligence from internal unstructured documentation with zero hallucination.



RAG Systems

Enterprise RAG Architecture

Hybrid BM25 keyword matching combined with dense vector embeddings and cross-encoder rerankers for precise document retrieval.

Model Adaptation

Domain Model Fine-Tuning

Customizing open-source LLMs (Llama 3, Mistral) on proprietary corporate terminology, contracts, and technical catalogs.

Agentic AI

Autonomous Agentic Workflows

LLMs equipped with deterministic API tool-calling capabilities to execute multi-step database and ERP operations.

Trust & Safety

Security & Guardrails

Strict row-level access control (ACLs), automated prompt injection defense, and real-time hallucination interception.

DATA PRIVACY & COMPLIANCE

Zero Data Leakage & HIPAA/GDPR Compliance by Default

- **Isolated VPC Ingestion:** Proprietary embeddings run in single-tenant instances with AES-256 encryption.
- **Zero Model Training on Data:** Commercial API agreements strictly disable public model retraining on your IP.
- **Deterministic Audit Trails:** Every AI inference outputs citations linking directly to verified source documents.

SERVICES DEEP DIVE 03, 04 & 05

Automation, Cloud Solutions & System Integrations

Unifying fragmented enterprise tools, orchestrating hyperscale cloud infrastructure, and automating repetitive operational workflows into resilient, real-time data pipelines.

03 · PROCESS AUTOMATION

Cognitive Robotic & Workflow Automation

- **Intelligent Document Parsing:** Automated ingestion and extraction of unstructured invoices, receipts, and claims.
- **ERP & CRM Synchronization:** Direct automated synchronization with Salesforce, SAP, NetSuite, and HubSpot.
- **Human-in-the-Loop Oversight:** Discrepancies automatically route to Slack or Teams for 1-click human verification.
- **Audited Task Execution:** Traceable transaction logs providing complete transparency for compliance auditors.

04 · CLOUD SOLUTIONS

Hyperscale Multi-Cloud & Kubernetes Architecture

- **Multi-Cloud Topology:** AWS, Azure, and Google Cloud implementations with zero single point of failure.
- **Infrastructure as Code (IaC):** Declarative, repeatable infrastructure provisioning with Terraform and Pulumi.
- **Container Orchestration:** Production Kubernetes clusters (EKS, GKE, AKS) with automated autoscaling.
- **GitOps Delivery Pipelines:** Continuous delivery via ArgoCD and GitHub Actions with sub-5-minute rollback.

05 · API INTEGRATIONS

Secure Enterprise API Gateways & Real-Time Event Streams

- **Event-Driven Architecture:** High-throughput real-time message streaming with Apache Kafka and RabbitMQ.
- **Secure Gateway Proxies:** Kong and Envoy gateways with mTLS, rate limiting, and automated OAuth2 token rotation.

SERVICES DEEP DIVE 06 & 07

Application Modernization & 24/7 Support

Safely transforming legacy server monoliths into modern cloud microservices without business disruption, backed by proactive 24/7 Site Reliability Engineering (SRE).

06 · APPLICATION MODERNIZATION

De-Risking Legacy Monolith Deconstruction

A complete 'big bang' rewrite often leads to schedule delays and unexpected regressions. We use proven migration patterns to incrementally modernize legacy software while your business continues operating without downtime.

- **The Strangler Fig Pattern:** Routing traffic at an API gateway layer to newly engineered microservices over time.
- **Change Data Capture (CDC):** Streaming live transaction logs with Debezium to keep legacy and cloud DBs synchronized.
- **Performance Profiling:** Optimizing slow SQL queries, adding Redis caching tiers, and eliminating memory leaks.
- **Automated Canary Rollouts:** Validating 1% traffic before expanding to 100% production traffic.

07 · 24/7/365 SUPPORT & SRE

Continuous Reliability & Guaranteed 15-Minute SLA

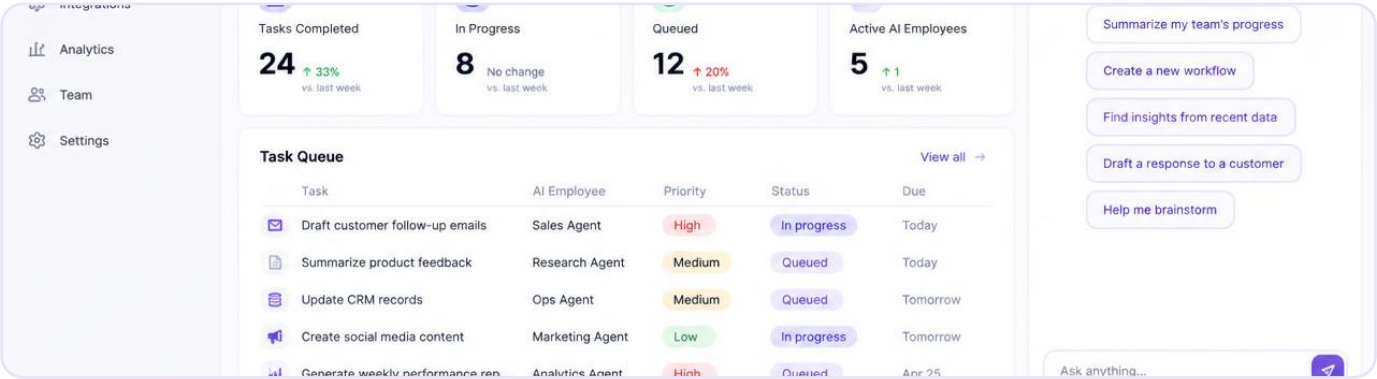
Software delivery is the beginning of the relationship. Our dedicated Site Reliability Engineers provide continuous health monitoring, security audits, and guaranteed emergency response.

- **Guaranteed 15-Minute P1 SLA:** Immediate live engineer response to critical production outages and severe anomalies.
- **Real-Time Telemetry & Tracing:** Unified observability dashboards utilizing OpenTelemetry, Prometheus, and Grafana.
- **Continuous Security Patching:** Automated dependency updates, container scans, and OS security patch deployments.
- **Disaster Recovery (DR) Drills:** Automated multi-region snapshot backups and scheduled disaster recovery validation.

NEXORA TECH PRODUCTS

AI Employee — Autonomous Digital Workforce

AI Employee is our proprietary digital workforce platform. It operates as one specialized product within Nexora Tech's broader software engineering and AI solutions portfolio.



PRODUCT OVERVIEW

24/7 Autonomous Operational Execution Without Human Burnout

AI Employee deploys specialized digital workers to ingest tier-1 customer inquiries, reconcile invoices against purchase orders, and execute repetitive back-office actions with enterprise guardrails.

STEP 01

Ingestion

Monitors emails, Slack, Zendesk, and API webhooks for incoming tasks.

STEP 02

Parsing

Extracts unstructured tables, PDFs, receipts, and line items via OCR.

STEP 03

Validation

Evaluates policy boundaries, confidence thresholds, and role ACLs.

STEP 04

Execution

Directly updates ERPs or alerts humans if confidence is <95%.

ENTERPRISE COMPATIBILITY

Seamless Integration into Your Existing Enterprise Stack

- **Customer Support:** Native bi-directional connectors for Zendesk, Freshdesk, Intercom, and Jira.
- **Enterprise ERPs:** Direct transaction synchronization with SAP, Oracle NetSuite, and QuickBooks.
- **Collaboration Hubs:** Real-time exception alerts and approval requests inside Slack and Microsoft Teams.

INDUSTRY SOLUTIONS

Engineered Architecture for Mission-Critical Sectors

We combine domain-specific regulatory compliance with modern software engineering. We develop tailored solutions across six high-stakes industries without claiming unverified client associations.

HIPAA & GDPR Ready

Healthcare & Life Sciences

Challenge: Siloed EHR databases and slow clinical chart retrieval.

Engineered Solution: HIPAA-compliant RAG search engines and HL7/FHIR integrations.

Bank-Grade Encryption

Banking & Financial Services

Challenge: Batch overnight settlement delays and fragmented ledger reconciliations.

Engineered Solution: Event-driven Apache Kafka pipelines and sub-15ms reconciliation engines.

Predictive Telemetry

Smart Manufacturing & IoT

Challenge: Unexpected assembly line machine failures and costly plant downtime.

Engineered Solution: IoT sensor telemetry ingestion, predictive maintenance models, and digital twins.

Omnichannel Scale

Retail & E-Commerce

Challenge: Fragmented inventory tracking across online storefronts and warehouses.

Engineered Solution: Headless commerce architectures and AI recommendation engines.

Adaptive Learning

Education & EdTech

Challenge: One-size-fits-all curricula and manual evaluation overhead.

Engineered Solution: Adaptive learning platforms, student analytics, and automated grading.

Route Optimization

Logistics & Supply Chain

Challenge: Inefficient multi-stop freight dispatching and rising fuel expenditures.

Engineered Solution: Dynamic TSP route optimization engines and real-time GPS fleet tracking.

COMPLIANCE & INTEGRITY STANDARD

All industry architectures are verified against regulatory frameworks (SOC-2, HIPAA, GDPR, ISO/IEC 27001). Nexora Tech delivers reference architectures tailored to client compliance audits.

TECHNOLOGY & DELIVERY LIFECYCLE

Modern Enterprise Stack & 7-Stage Methodology

We combine modern, open-standard technologies with a disciplined seven-stage engineering lifecycle to ensure high delivery velocity, maintainability, and architectural longevity.

CURATED TECHNOLOGY ECOSYSTEM

Validated Enterprise Frameworks & Platforms

Frontend & Mobile	React · TypeScript · Next.js · Flutter · Tailwind CSS
Backend & Systems	Node.js · Python (FastAPI) · Go · gRPC · GraphQL
AI & Machine Learning	PyTorch · LangChain · OpenAI · Gemini · Qdrant · Pinecone
Cloud & DevOps	AWS · Azure · Google Cloud · Kubernetes · Docker · Terraform
Databases & Streaming	PostgreSQL · MongoDB · Redis · Apache Kafka · Debezium

7-STAGE DELIVERY METHODOLOGY

Predictable, Disciplined Engineering from Concept to SRE

Stage 01	Discovery & Requirements	User story mapping, technical feasibility auditing, and non-functional sign-off.
Stage 02	Architecture & Planning	Cloud topology blueprints, database schema design, and API contract specifications.
Stage 03	UI/UX & Design Systems	Component-driven wireframing, accessible design tokens, and clickable prototypes.
Stage 04	Development & Integration	Test-driven engineering in 2-week agile sprints with bi-weekly demonstrable releases.
Stage 05	Testing & QA Automation	Automated regression tests, Playwright end-to-end suites, and static security scans.
Stage 06	Deployment & Cloud Cutover	Zero-downtime blue/green infrastructure deployment, telemetry instrumentation, and DNS handover.
Stage 07	Support & Continuous SRE	90-day warranty followed by proactive 24/7 monitoring and performance optimization.

VALUE PROPOSITION

Why Technology Leaders Partner With Us

We replace bloated agency hierarchies and junior staffing with dedicated, senior-led multidisciplinary pods focused entirely on technical excellence and business ROI.

Direct Access

100% In-House Senior Pods

Direct communication with seasoned staff engineers and solutions architects via shared Slack/Teams channels and live Git repos.

2-Week Sprints

Sprint-Based Predictability

Demonstrable software releases every two weeks. You see and test working code before signing off on milestone acceptance.

Security by Default

Production-Grade Security

Security-first engineering by default. Zero-trust principles, mutual TLS, AES-256 encryption, and automated vulnerability scanning.

Total Ownership

Full Code & IP Ownership

100% intellectual property assignment. You own the complete source code, deployment scripts, database schemas, and documentation.

True AI-Native

AI-Native Engineering

We engineer genuine cognitive systems with vector indexing and fine-tuned models—not superficial third-party API wrappers.

Guaranteed SLA

Continuous 24/7 Reliability

Dedicated Site Reliability Engineers monitor production telemetry with guaranteed 15-minute response times for critical incidents.

OUR COMMITMENT TO LONG-TERM PARTNERSHIPS

"We measure our success not by hours billed, but by the uptime, scalability, and measurable revenue acceleration our technology creates for our clients."

GET STARTED WITH NEXORA TECH

Ready to Engineer Your Next Digital Initiative?

Whether you require a dedicated senior engineering pod, an enterprise AI assistant, a cloud migration roadmap, or a bespoke software platform, our solutions architects are ready to collaborate.

01

Free Consultation

Technical Discovery Call

Schedule a complimentary 30-minute architectural consultation with a solutions architect. Zero sales pressure.

02

Transparent Scope

Architecture & Proposal

We deliver a detailed scope breakdown, technical topology, transparent timeline, and milestone deliverables.

03

Rapid Onboarding

Sprint 0 Onboarding

Direct Slack channel setup, shared Git repository access, and sprint kick-off within days of agreement.

OFFICIAL COMPANY CONTACT DETAILS

Connect Directly With Our Solutions Architecture Group

Company	Nexora Tech
Official Website	https://nexoratech.com
Consultation Booking	https://nexoratech.com/contact
Inquiries & Proposals	contact@nexoratech.com
Headquarters & Pods	Enterprise Software Engineering & Applied AI Hub
Business Availability	24/7/365 Global SRE Telemetry & Agile Engineering Pods

Ready to discuss your software or AI roadmap?

Visit nexoratech.com/contact to schedule a free 30-minute architectural consultation.