

# Modulifyr

Custom Modular Software Systems

Engineering-first · Built for scale · Kathmandu, Nepal

## Who We Are

Modulifyr is a custom software development company headquartered in Kathmandu, Nepal. We design and build modular software systems for organizations that require flexibility, scalability, and long-term reliability — serving clients in education, commerce, healthcare, IT, retail, and professional services worldwide.

We are not a body-shop or an offshore outsourcing vendor. We are an engineering partner that takes ownership of architecture decisions and long-term system quality.

Engineering-First	Global Delivery	NDA-Ready	99.9% SLA
Our core philosophy	Remote & on-site capable	Confidentiality assured	Uptime commitment

## Our Services

### Custom Software Development

Timeline: 3–9 months | Mid to Enterprise

Full-stack web applications, enterprise dashboards, and internal operational tools built from the ground up and aligned to your workflows.

### System Architecture & Consulting

Timeline: 4–8 weeks | Scale-ups & Enterprise

Architecture blueprints, scalability roadmaps, and tech stack audits to guide your engineering decisions.

### Integrations & Automation

Timeline: 2–5 months | Operational Teams

API development, workflow automation, and data synchronization to unify your digital ecosystem.

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## Modernization & Refactoring

Timeline: 6–12 months | Legacy Organizations

Phased replacement of rigid legacy systems with modern modular infrastructure while maintaining operational continuity.

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## Infrastructure & SRE

Timeline: Ongoing | Cloud-native Businesses

Cloud setup (AWS/Azure/GCP), CI/CD pipelines, and security hardening for high-availability systems.

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## Data Architecture & Analytics

Timeline: 3–6 months | Data-driven Organizations

Database design, ETL pipelines, and business intelligence dashboards to turn data into decisions.

# Technology Stack

Frontend Architecture	Backend & Systems	Data & Storage	Infrastructure
React · Next.js · SvelteKit TailwindCSS · TypeScript Framer Motion	Node.js · Python (FastAPI) · Go BFF Patterns · Microservices REST / GraphQL	PostgreSQL · MongoDB · Redis Elasticsearch · Prisma Vector Databases	Vercel · AWS / GCP · Docker GitHub Actions · Terraform Cloudflare

## Architecture Patterns

### Modular Monolith

A single application structured as independent, pluggable modules. Simplified deployment with clean internal boundaries. Ideal for teams transitioning from legacy monoliths.

### Serverless Edge Architecture

Leveraging global edge networks for low-latency delivery and auto-scaling. Zero-ops infrastructure for high-traffic, geographically distributed applications.

### Event-Driven Systems

Asynchronous communication between services via message queues and event buses. Non-blocking workflows, high resilience, and natural audit trails.

### Domain-Driven Design (DDD)

Software modeled around business domains, ensuring code aligns with operational reality. Reduces coupling, improves maintainability across large teams.

## Security & Compliance

**Security-First Culture:** TLS/SSL encryption, secure API gateways, dependency audits, and OWASP standards on every build.

**Data Privacy:** PII handled with highest confidentiality standards. GDPR-aligned data processing and storage practices.

**SLA & Reliability:** Tiered support agreements with uptime SLAs up to 99.9% for critical production systems.

**IP Rights:** Clients retain 100% of intellectual property once project milestones are accepted and invoiced.

**NDA Ready:** Standard NDA available before any technical discussion. Confidentiality is non-negotiable.

## Engagement Models & Pricing

Phase	Investment	Duration	Description
<b>Discovery</b>	\$3k – \$8k	2–4 Weeks	Architecture audit, product backlog, roadmap, feasibility study
<b>Pilot / PoV</b>	\$8k – \$20k+	4–8 Weeks	Working prototype, technical blueprint, fixed-fee delivery
<b>Full Build</b>	Custom Quote	Milestone-based	Production system, full documentation, SRE, long-term SLA
<b>Retainer</b>	From \$2k/mo	Monthly	Ongoing engineering support, maintenance, and consulting

## Ready to Start?

Submit a proposal request or schedule a discovery call with our lead architect.

[modulifyr.vercel.app/request-proposal](https://modulifyr.vercel.app/request-proposal) · [contact@modulifyr.com](mailto:contact@modulifyr.com)