GrapCode

COMPANY PROFILE · 2026

Transforming Ideas into Realities

Enterprise Software Engineering

AI Solutions

SaaS Development

Cloud Engineering

PRODUCT ENGINEERING · DIGITAL TRANSFORMATION

GRAPCODE

INSIDE THIS PROFILE

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HOW TO READ THIS DOCUMENT

This profile is designed for decision-makers evaluating a long-term technology partner. Sections 09–14 detail our service lines; sections 17–22 show how we deliver in practice through our flagship product and client engagements.

A LETTER FROM THE FOUNDER

Building Technology That Creates Business Value

At GrapCode, we believe technology is not simply about writing code — it's about solving meaningful business problems.

Every successful company eventually reaches a point where spreadsheets become insufficient, manual processes become expensive, and disconnected systems slow growth. That is where modern software engineering creates real impact.

GrapCode was founded with one clear mission: to help businesses build intelligent, scalable digital products that accelerate growth and create long-term value.

Over the years, we have worked with startups, healthcare platforms, enterprise organizations, and SaaS businesses, transforming complex ideas into reliable software solutions.

Today, we continue helping ambitious organizations leverage Artificial Intelligence, cloud technologies, and modern product engineering to stay ahead in an increasingly competitive digital world.

We don't simply deliver projects.
We build products. We build partnerships.
We build [redacted].

AR

Abu Naser Rifat
FOUNDER & LEAD SOFTWARE ENGINEER

WHO WE ARE

About GrapCode

GrapCode is a modern software engineering company specializing in building scalable digital products, enterprise platforms, AI-powered solutions, and cloud-native applications.

Founded by experienced software engineers with a passion for innovation, we combine product strategy, engineering excellence, and user-centered design to transform complex business challenges into elegant software solutions.

Unlike traditional development agencies, GrapCode operates as a long-term technology partner, helping organizations build products that remain scalable, maintainable, and competitive for years.

01

Startup MVPs

Launch fast with an architecture that won't need rebuilding when you scale.

02

Enterprise Modernization

Replace legacy systems and manual workflows with connected, reliable platforms.

03

Intelligent SaaS

Cloud-native, AI-ready products engineered for measurable business outcomes.

ENGINEERING-FIRST APPROACH

Whether launching a startup MVP, modernizing enterprise infrastructure, or creating intelligent SaaS platforms, our engineering-first approach ensures measurable business outcomes and exceptional digital experiences.

DIRECTION & PRINCIPLES

Vision, Mission & Core Values

VISION

To become one of Asia's most respected software product engineering companies, recognized globally for innovation, quality, and long-term client partnerships.

MISSION

To empower organizations through intelligent software solutions that simplify operations, accelerate growth, and create measurable business value.

CORE VALUES

Innovation

Technology evolves daily. So do we.

Engineering Excellence

Quality is never compromised.

Transparency

Open communication builds trust.

Long-Term Thinking

We build software designed to scale for years.

Customer Success

Our success is measured by our clients' growth.

THE DIFFERENCE

Why GrapCode

01

We Think Like Product Owners

We don't just develop features. We solve business problems — every technical decision is weighed against the outcome it creates for your organization.

02

Engineering First

Architecture before implementation. Scalability before shortcuts. We design systems that stay fast, stable, and maintainable as your business grows.

03

AI Ready

Every product we build is designed for the AI era — structured data, clean APIs, and integration points ready for intelligent automation.

04

Long-Term Partnership

Beyond launch. Beyond deployment. Beyond support. We stay invested in your product's evolution and your team's success.

ENTERPRISE STANDARDS, EVERY PROJECT

- Security
- Performance
- Reliability
- Maintainability
- Documentation
- Observability

WHAT WE DO

Our Capabilities

A full-spectrum product engineering practice — from first strategy workshop to long-term platform evolution.

Product Strategy
Roadmaps, validation, and product-market alignment.

Software Architecture
Scalable, secure system design from day one.

UI/UX Design
User-centered interfaces that convert and retain.

Web Development
Modern, high-performance web applications.

Mobile Development
Cross-platform apps with native-quality UX.

Artificial Intelligence
AI features, agents, and RAG-powered systems.

Cloud Engineering
Cloud-native infrastructure built to scale.

DevOps
CI/CD, automation, and reliable releases.

Digital Transformation
From manual processes to connected platforms.

Product Modernization
Legacy systems rebuilt for today's demands.

Technical Consulting
Senior engineering guidance on demand.

End-to-End Delivery
One partner from concept to global deployment.

WHERE WE WORK

Industries We Serve

Domain understanding shapes better software. We bring cross-industry experience to every engagement.

Healthcare

Patient-facing platforms, care coordination, and secure health data workflows.

Retail & E-Commerce

Commerce platforms, inventory, orders, and customer experience systems.

Enterprise

Internal platforms, integrations, and operational digitization at scale.

Manufacturing

Order, requirement, and production management for factory operations.

Education

Learning platforms and administrative systems for modern institutions.

Finance

Reliable, auditable systems where accuracy and security are non-negotiable.

Logistics

Tracking, coordination, and visibility across supply chains.

Government & Public Sector

Accessible, dependable digital services for citizens and institutions.

ARTIFICIAL INTELLIGENCE — ACROSS EVERY INDUSTRY

AI is not a vertical for us; it's a horizontal capability we embed wherever it creates measurable value — from intelligent search to autonomous workflows.

SERVICES / 01

SaaS Product Development

We build scalable, cloud-native Software-as-a-Service products from concept to global deployment.

Our Expertise Includes

- Multi-tenant architecture
- Subscription billing & payment integration
- Admin dashboards & analytics
- Role-based access control (RBAC)
- API development & integrations
- AI integration

Ideal For

Startups

Growing Businesses

Enterprise Products

Built to Scale From Day One

Multi-tenant foundations, usage-based infrastructure, and clean domain boundaries mean your product grows without costly rewrites.

OUTCOME

A production-grade SaaS platform your team can operate, extend, and sell — with the billing, security, and analytics infrastructure investors and enterprise buyers expect.

SERVICES / 02

AI Engineering

We design and ship AI capabilities that solve real operational problems — not demos, but dependable systems embedded in your product and workflows.

Our Expertise Includes

- LLM-powered product features
- Retrieval-Augmented Generation (RAG)
- AI agents & autonomous workflows
- MCP & tool-use integrations
- Intelligent search & document processing
- Evaluation, guardrails & observability

Ideal For

SaaS Platforms

Enterprises

Data-Rich Teams

Grounded, Not Hyped

Every AI feature we build is measured against accuracy, cost, and business value — with human oversight where it matters.

OUTCOME

AI that reduces manual work, surfaces insight from your data, and gives your product a durable competitive edge.

SERVICES / 03

Enterprise Software

We replace spreadsheets, manual processes, and disconnected tools with unified platforms that make operations faster, cheaper, and auditable.

Our Expertise Includes

- Order & requirement management systems
- Internal tools & operational dashboards
- Workflow automation & approvals
- System integrations & data migration
- Reporting & business intelligence
- Role-based security & audit trails

Ideal For

Manufacturers

Enterprises

Operations Teams

Built Around Your Operations

We map how your business actually works before writing code — so the software fits your process, not the other way around.

OUTCOME

A single source of truth for your operations — fewer errors, faster cycles, and management visibility in real time.

SERVICES / 04

Web Development

High-performance web applications engineered with modern frameworks — fast to load, easy to maintain, and a pleasure to use.

Our Expertise Includes

- React, Next.js & TypeScript applications
- Progressive web apps (PWA)
- API-driven architectures
- Performance & SEO optimization
- Accessibility & responsive design
- Headless CMS & content platforms

Ideal For

Product Companies | Brands | Platforms

Modern by Default

Type-safe codebases, component systems, and automated testing keep your web presence reliable release after release.

OUTCOME

A web experience that performs under load, ranks well, and evolves quickly with your business.

SERVICES / 05

Mobile App Development

Cross-platform mobile applications with native-quality experiences — one codebase, every device your customers use.

Our Expertise Includes

- Cross-platform development
- Offline-first & sync architectures
- Push notifications & engagement
- Secure authentication & payments
- App store deployment & release management
- Analytics & crash monitoring

Ideal For

Consumer Apps

Field Teams

SaaS Companions

One Product, Every Screen

Shared logic across web and mobile keeps features consistent and development costs predictable.

OUTCOME

A polished mobile presence that extends your product to where your users already are.

SERVICES / 06 & 07

UI/UX Design · Cloud & DevOps

UI/UX Design

Interfaces designed around real user journeys — clear, fast, and consistent across your entire product.

- User research & journey mapping
- Wireframes & interactive prototypes
- Design systems & component libraries
- Usability testing & iteration

Cloud & DevOps

Infrastructure that deploys itself, scales on demand, and tells you when something needs attention.

- AWS cloud architecture
- Docker & containerized deployment
- Infrastructure as Code (Terraform)
- CI/CD pipelines & monitoring

DESIGN + INFRASTRUCTURE, TOGETHER

Great products need both a beautiful surface and a dependable engine. We deliver them as one integrated practice — so what users see and what keeps it running are engineered to the same standard.

UNDER THE HOOD

Technology Stack

Proven, modern technologies chosen for longevity, performance, and hiring availability — never for novelty alone.

FRONTEND

React · Next.js · TypeScript · Vue · Tailwind CSS

BACKEND

Node.js · Express · NestJS · Python · Django

DATABASES

PostgreSQL · MongoDB · MySQL · Redis

CLOUD & DEVOPS

AWS · Docker · Linux · Terraform · GitHub Actions

AI

OpenAI · LangChain · RAG · MCP · AI Agents

RIGHT TOOL, RIGHT PROBLEM

We standardize where it accelerates delivery and stay flexible where your context demands it — every stack decision is documented and justified.

HOW WE WORK

Development Process

A disciplined, transparent path from idea to growth — with visibility at every stage.

01
Discover
Understand your business, users, and goals in depth.

02
Research
Validate assumptions, study the domain and competition.

03
Planning
Define scope, roadmap, milestones, and success metrics.

04
UI/UX
Design user journeys, wireframes, and polished interfaces.

05
Architecture
Engineer the system design before a line of feature code.

06
Development
Build in agile sprints with continuous demos and feedback.

07
Testing
Automated and manual QA across functionality and performance.

08
Deployment
Zero-drama releases through CI/CD and staged rollout.

09
Growth
Monitor, iterate, and evolve the product with you.

TRANSPARENT AT EVERY STEP

Weekly reporting, shared roadmaps, and open communication mean you always know what's shipped, what's next, and why.

FLAGSHIP PRODUCT

Pynenut

AI-Powered Commerce Platform

Pynenut is GrapCode's flagship SaaS platform, developed to help businesses digitize and scale their commerce operations through a unified, cloud-based ecosystem.

The platform combines modern e-commerce management with intelligent business tools, enabling organizations to manage products, customers, orders, and operational insights from a single interface.

SaaS | AI-Assisted | Cloud-Native | Commerce Operations

Core Modules

Everything a growing commerce business needs to operate — in one connected system.

AI-Assisted Product Management

Create and enrich product catalogs faster with intelligent assistance.

Inventory Management

Track stock levels and movements across the business in real time.

Order Processing

Manage the full order lifecycle from placement to fulfillment.

Customer Management

A complete view of customers, history, and relationships.

Store Administration

Configure and operate the storefront from a central console.

Sales Analytics Dashboard

Understand performance at a glance with clear operational insights.

Marketing Tools

Reach and retain customers with built-in campaign capabilities.

Secure Authentication & Reporting

Protected access with business reporting across a responsive web interface.

Business Benefits

- **Faster business operations** — less manual work, quicker daily workflows.
- **Centralized management** — one interface for products, orders, and customers.
- **Improved decision making** — operational data surfaced where it's needed.
- **Scalable cloud architecture** — grows with the business without re-platforming.
- **Better customer experience** — consistent, responsive service at every touchpoint.

Why Pynenut Matters to Clients

Pynenut is proof of how GrapCode builds: a real, operating SaaS product designed, engineered, and evolved by our own team.

When we propose an architecture or estimate a roadmap, it's grounded in the experience of running a production platform ourselves.

FROM OUR PRODUCT TO YOURS

The same engineering practices, cloud infrastructure patterns, and AI capabilities behind Pynenut are available to every client engagement — battle-tested, not theoretical.

PRODUCT / 02

MM Pro: Money Manager & Budget

MM Pro is GrapCode's all-in-one money manager and budget planner — a personal finance product designed for speed and clarity, available on Google Play with mobile and web access.

Whether users need a daily expense tracker, a monthly budget manager, or an AI-powered finance assistant, MM Pro provides a clean dashboard to sync their financial life across all devices — even offline.

Complete Money Tracking

Expense, income, transfer, and account tracking in one clean dashboard.

Budgets & Goals

Budgets, savings goals, loans, debt, and investment management.

AI-Powered Entry

AI-assisted transaction entry and an AI credit wallet for effortless bookkeeping.

Cloud Sync & Workspaces

Cloud sync, backup, and multi-workspace support across mobile and web.

Built for Everyone

Multi-language support, custom category icons, and in-app chat with the developer.

Modern Visual Analytics

Analyze spending smartly with clear breakdowns, charts, and monthly insights.

Android | Web | Google Play — 1K+ Downloads | Finance | Offline-Ready

PROOF OF CONSUMER-GRADE CRAFT

Alongside Pynenut, MM Pro shows GrapCode's range: from enterprise SaaS platforms to polished consumer products shipped to public app stores — designed, engineered, and maintained end to end by our team.

CASE STUDY / 01

Gottwald Holding LLC

An immersive digital presence for a systems-redesign firm — "We turn complexity into inevitability."

Background

Gottwald Holding is not a traditional service provider. The firm redesigns whole systems rather than optimizing parts, working across three domains — Nature, Animals, and Humans — to turn organizational complexity into clarity.

Challenge

An unconventional, philosophy-driven brand needed a digital presence to match: a website that could communicate abstract ideas — noise versus truth, architecture versus optimization — with the same calm authority the firm brings to its clients.

Solution

GrapCode designed and built a cinematic, narrative-driven website: a scroll-based storytelling experience over a dark, atmospheric visual identity, guiding visitors from the problem they feel to the shift Gottwald delivers.

Experience Design

Generative visuals, restrained typography, and carefully sequenced sections mirror the firm's own method — removing noise until only the message remains, with every scroll step building inevitability.

Key Narrative Sections

The journey moves through the client's core arc: "We don't optimize parts — we redesign the system," the shifts their work creates — decision gridlock dissolves, execution becomes predictable, visibility becomes plan-able, leadership stabilizes — and a clear 7–14 day engagement rhythm.

Business Impact

Gottwald's positioning now has a digital home that matches its ambition — in the site's own words, "digital presence becomes powerful." The brand's most abstract ideas are communicated in minutes, unassisted, to any prospect who visits.

"We remove noise until only  remains."

— Gottwald Holding, from the experience designed & engineered by GrapCode

CASE STUDY / 02

YIG.CARE

Wellness Tech · Frequency & Resonance — "Your Inner Glow. And we care about it."

The Vision

YIG.CARE stands for Your Inner Glow — a glow often covered by pressure, overstimulation, and inner noise. The platform is a counter-movement: reconnection, grounding, and resonance, built as a website and app ecosystem (iOS & Android).

Project Scope

Make frequency work — sound, vibration, voice, light, and regenerative technologies — visible, understandable, and usable through one digital ecosystem serving both wellness seekers and providers.

For Users

Search, discover providers, and book directly — a platform that helps people feel again, guiding them from discovery to a booked session in one flow.

For Providers & Entrepreneurs

Register, become visible, publish programs, and manage bookings in one system — a complete operating layer for wellness practitioners.

Platform Modules

- User Discovery & Booking Platform
- Provider Visibility & Management
- Daily Energy Field Level-Ups
- Partner & Co-Creator Network

"A platform that helps people [redacted]."

— YIG.CARE, platform ecosystem designed & engineered with GrapCode

QUALITY

Engineering Standards

The practices behind every GrapCode delivery — non-negotiable, on every project, at every size.

Code Review

Every change reviewed before merge — for correctness, clarity, and security.

Testing

Automated test coverage across critical paths, plus structured manual QA.

CI/CD

Continuous integration and automated deployment for fast, safe releases.

Documentation

Architecture decisions, APIs, and operations documented as we build.

Performance Optimization

Measured, profiled, and tuned — not guessed.

Security Best Practices

Secure defaults, least-privilege access, and dependency hygiene.

Cloud Monitoring

Logging, alerting, and observability so issues are found before users find them.

TRUST

Why Clients Choose Us

01

Engineering Excellence

Senior-level craftsmanship on every commit.

02

Transparent Communication

No surprises — clear status, honest estimates, open roadmaps.

03

Agile Delivery

Working software every sprint, feedback built into the rhythm.

04

Modern Technologies

A current, proven stack — never legacy by default.

05

AI Expertise

Practical intelligence embedded where it creates value.

06

Product Thinking

Business outcomes drive technical decisions, not the reverse.

07

Long-Term Support

We stay after launch — maintaining, improving, and growing the product with you.

WORKING TOGETHER

Engagement Models

Flexible structures that match how you plan, budget, and build.

Dedicated Team

A stable GrapCode team embedded with yours — full focus, deep context, long-term velocity. Best for ongoing product development.

Fixed Cost

A defined scope, timeline, and price. Best for well-specified projects where predictability matters most.

Time & Material

Pay for what's built as priorities evolve. Best for discovery phases and fast-changing requirements.

Product Partnership

We co-invest in building and growing a product together — shared risk, shared upside, shared roadmap.

NOT SURE WHICH FITS?

Most engagements begin with a short discovery sprint — a low-commitment way to scope the work, validate the approach, and choose the right model together.

OUR COMMITMENT

Innovation never stops.

LOOKING AHEAD

Future Technologies

We invest ahead of the curve so our clients never fall behind it.

Artificial Intelligence

Deepening applied AI across products and operations.

Autonomous Agents

Software that plans, acts, and completes work independently.

Machine Learning

Data-driven prediction and personalization at scale.

Cloud Native

Ever-more elastic, resilient, cost-efficient infrastructure.

Blockchain

Verifiable records and trust-minimized transactions where they fit.

Edge Computing

Computation closer to users for speed and privacy.

ADOPTION WITH DISCIPLINE

We evaluate emerging technology against one question: does it create measurable value for the business? When the answer is yes, we're ready before the market is.

ANYWHERE, TOGETHER

Global Delivery

Built for distributed collaboration from day one — wherever your team sits, delivery feels local.

Remote Collaboration

Modern tooling and clear async practices keep work moving around the clock.

Agile Sprint Planning

Predictable two-week rhythms with demos your stakeholders can attend.

Weekly Reporting

Progress, blockers, and next steps — in writing, every week.

Timezone Flexibility

Overlap hours arranged around your team's schedule, not ours.

English Documentation

Every artifact — specs, APIs, decisions — written in clear professional English your whole organization can use.

NEXT STEP

Let's Build Something

Whether you're building the next AI startup, modernizing enterprise infrastructure, or launching a scalable SaaS platform, GrapCode is ready to become your trusted technology partner.

Together, we'll transform bold ideas into software that delivers measurable business impact.

Start a Conversation →

GET IN TOUCH

Contact

Tell us about your product, your problem, or your ambition — we'll respond within one business day.

Email

helllo.grapcode@gmail.com

Location

Mirpur-1, Dhaka 1216, Bangladesh

LinkedIn

linkedin.com/company/grapcodecom

Facebook

facebook.com/grapcode

SCAN TO CONNECT

Scan the code to visit GrapCode on LinkedIn and start a conversation with our team.

GrapCode

Transforming Ideas into Scalable Digital Realities

Enterprise Software

SaaS Products

AI Engineering

Digital Transformation

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