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# Anti Linear Technologies

COMPANY PROFILE

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Sister Company of Reliance Group of Companies



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## About Us

### Dominating Every Aspect

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Leading the industry

We are a premier digital solutions and IT services firm dedicated to engineering custom, enterprise-level software architectures. Operating at the intersection of high-performance technology and strategic business design, we build bespoke systems tailored for the FinTech, E-Commerce, Regulatory, and Governance sectors. Our approach ignores generic, off-the-shelf software models. Instead, we deep-dive into our clients' operational realities to identify underlying inefficiencies, security risks, and infrastructural bottlenecks. By thoroughly analyzing these distinct organizational pain points, we curate highly flexible, robust, and mathematically optimized digital solutions that protect data integrity, streamline regulatory compliance, and accelerate transactional velocity.

#### OUR VISION

Leading the industry

To be the definitive global technical partner for enterprise modernization. We look to shape the future of digital governance, financial transparency, and intelligent security systems by establishing the industry benchmark for scalable, high-performance, and mission-critical infrastructure.

#### OUR MISSION

Always improving

To engineer custom, enterprise-grade software architectures that solve complex operational challenges. We are committed to dismantling technical bottlenecks for financial, e-commerce, and regulatory organizations by delivering flexible, secure, and robust digital solutions that drive measurable growth and absolute compliance.

#### OUR VALUES

Defying Linearity

**Engineering Excellence** We do not cut corners. We build on a modern, world-class technology stack to deliver optimized, clean code and robust systems that are engineered to scale from day one.

**Analytical Deep-Diving** We act as consultants first. We refuse to apply generic fixes; we analyze, dismantle, and thoroughly understand our clients' precise operational pain points before designing a single line of architecture.

**Absolute Integrity & Security** Handling financial data, surveillance intelligence, and public governance systems requires uncompromising security. Data protection, role-based access management, and transactional transparency are hardwired into our engineering DNA.

**Continuous Evolution** The technological landscape never stands still, and neither do we. We foster a culture of continuous improvement, constantly refining our methodologies and adopting cutting-edge advancements to keep our clients ahead of the curve.



Reliance Group of Companies

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## MESSAGE FROM THE CEO

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Sameer Enver Baig

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Dear clients, partners, and team:

For decades, Reliance Group of Companies has anchored its growth on absolute operational excellence, deep industrial trust, and sustainable scale. As global markets transition rapidly into highly complex, data-driven landscapes, the necessity for flawless digital infrastructure has never been more urgent. To meet this challenge head-on and safeguard our operational ecosystem, we have actively integrated cutting-edge technological frameworks into our corporate vision. It is through this strategic positioning that our sister concern, Anti Linear Technologies, continues to redefine the boundaries of engineering excellence.

**By combining the industrial heritage of Reliance with the disruptive, non-linear architectural focus of ALT, we are establishing an ironclad ecosystem where human trust and deterministic technology converge seamlessly to drive our collective future.**

This powerful synergy is already visible across our expanding proprietary product line. From localized market discovery mechanics to highly secure digital asset environments, our shared initiatives are engineered natively to manage massive regional demand surges without compromising performance. We don't believe in short-term software fixes; we invest heavily in long-term, resilient digital architecture that secures our workflows, empowers our partnerships, and delivers transparent, verifiable value across every tier of our operations.



Anti Linear Technologies

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## MESSAGE FROM THE CEO



Muhammad Shoaib Fayyaz

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Hello everyone,

At Anti Linear Technologies, we founded this firm on a singular, uncompromising premise: modern software development has become deeply fragmented by unnecessary abstraction layers and bloated, unpredictable automation. As global markets transition into complex, data-driven landscapes, enterprises require digital foundations that provide absolute reliability, maximum throughput, and unyielding data clarity. Our strategic alignment as a technology sister concern to the Reliance Group of Companies reinforces this mission, combining vast industrial heritage with our disruptive, non-linear architectural focus to build an ironclad ecosystem where human trust and deterministic engineering converge.

By placing human trust, technical transparency, and close-to-the-metal manual engineering at the core of our philosophy, we are establishing a resilient digital infrastructure built to handle the massive scaling demands of tomorrow.

As we look to the future, Anti Linear Technologies remains fiercely committed to expanding our engineering footprints into sensitive international enterprise spaces. We will continue to challenge industry-standard bloat, champion a minimalist, data-transparent UI/UX approach, and deploy rock-solid systems optimized for deep regional impact. Thank you for your continued collaboration and trust as we build a highly secure, scalable, and deterministic operational future together.

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## Anti Linear Executive Team

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The Team

Our engineering and operations team combines deep technical precision with strategic execution. Driven by a shared commitment to structural integrity and minimalist design aesthetics, we lead the development, deployment, and optimization of complex digital infrastructures that handle massive concurrency natively.



Umar Aurangzeb  
Chief Operating Officer



Rana Faraz Asad  
Product Operations / Design



Tamseel Hassan  
Software Engineer



Hasan Khurram  
Software Engineer



Shahmeer Mahmood  
Product Operations



## Here is why we are the best at what we do

### #1 — EXPERIENCE | Deep Domain Expertise

We bring a proven track record of architecting solutions for highly regulated, complex, and high-consequence sectors. From complex digital modernization overhauls for public institutions to specialized commercial systems, our team deeply understands the nuances of data compliance, multi-tiered institutional web architectures, and high-security deployment. We build with the seasoned foresight that only comes from navigating intricate enterprise requirements.

### #2 — PROGRESS | Modern Engineering & Continuous Innovation

Our development methodology is built on speed, agility, and cutting-edge technical architecture. Utilizing a world-class technology stack—including React, Next.js (App Router), Tailwind CSS, Node.js, NestJS, and PostgreSQL—we ensure your software is fast, highly responsive, and modular. We strictly adhere to milestone-driven execution, translating complex roadmaps into stable, predictable, and rapidly scalable digital rollouts.

### #3 — QUALITY | Bulletproof, Optimized Architecture

For us, quality means building software that is robust, flexible, and fundamentally optimized. We engineer clean, highly performant systems designed to manage high transactional velocity, protect data integrity, and enforce strict role-based access controls. Every platform we deliver undergoes rigorous continuous integration and testing protocols to ensure it handles enterprise-scale stress flawlessly.

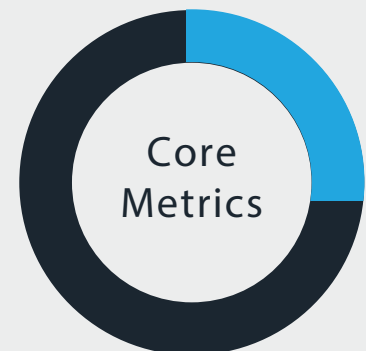
### #4 — MARKET | Hyper-Localized Insights & Native Solutions

We build for market realities. Products like Doneto (engineered precisely to solve financial and trust barriers within the Pakistani socioeconomic landscape) and Nearvender (bridging digital discovery directly with physical retail) prove that we understand native market dynamics. We combine global software engineering standards with sharp, localized market intelligence to create products that achieve immediate user adoption and operational success.



### THE GROUP IN FEW WORDS & NUMBERS

- ◆ Built on high-performance NestJS and PostgreSQL systems.
- ◆ Premium Flutter pipelines for cross-platform mobile apps.
- ◆ Manual, close-to-the-metal logic over fragile automation.
- ◆ Driving specialized products like NearVendor, Doneto, and MITS
- ◆ Clean geometric layouts focused on total data transparency.
- ◆ Engineered to handle massive regional concurrency surges.



- 25%: Proprietary Products
- 75%: Enterprise Solutions

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## OUR COMPANY SERVICES & PRODUCTS

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Highest quality at the core

### SYSTEMS ARCHITECTURE

Enterprise & Custom Infrastructure

We engineer robust, deterministic backend systems built to handle massive scale without breaking. By prioritizing strict structural integrity, clean database design, and optimized data pipelines, we eliminate the unpredictable bottlenecks of bloated software. Our architectures are designed for high throughput, fault tolerance, and absolute reliability under load.



### WEB & MOBILE DEVELOPMENT

Next-Gen Digital Experiences

We design and build high-performance custom applications engineered for seamless scalability and business impact. From robust backend systems to intuitive, fluid user interfaces, our development process bridges the gap between complex engineering and exceptional user experience. We build digital products that operate flawlessly under heavy load.



### SAAS PRODUCTS

Custom Software Solutions

We develop tailored software-as-a-service platforms engineered to solve complex operational challenges. Our systems leverage highly optimized database design, custom APIs, and rock-solid cloud infrastructure to deliver lightning-fast processing, reliable performance, and effortless scalability.



### BLOCKCHAIN INTEGRATION

Secure Digital Infrastructure

We build advanced, highly resilient cryptographic architectures designed to secure digital transactions and decentralize data structures. By implementing ironclad protocols, we ensure complete data integrity, transparent audit trails, and maximum security for modern fintech and Web3 platforms.

## Anti Linear Product's

We build highly intentional digital infrastructure engineered to solve real-world operational challenges. Our product ecosystem bridges the gap between complex software systems and human trust, delivering specialized platforms for hyperlocal market discovery, secure crowdfunding, tournament management, and custom enterprise tools that operate flawlessly at scale.

### NearVendor

Hyperlocal Retail Discovery Engine



A high-performance marketplace application built for real-time local product discovery. By optimizing location-based data routing and high-concurrency request processing, it bridges the gap between consumers and local brick-and-mortar retail ecosystems instantly and transparently.

### Doneto

Secure Crowdfunding Ecosystem



A localized fundraising platform engineered with an integrated digital wallet infrastructure. Built entirely around transparency and human trust, it ensures ironclad cryptographic security for transaction processing, making crowdfunding accessible, resilient, and verifiable.

### MITS

Multiple Identity Tracking System



An enterprise security and situational awareness engine designed for real-time asset and identity monitoring. By processing live data streams against centralized secure registries, it instantly identifies potential threats, triggers automated tactical alerts, and maps movement patterns for rapid operational response.

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## CASE STUDY

### NearVendor

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A product of Anti Linear Technologies

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#### PROJECT DESCRIPTION

The modern retail landscape suffers from a severe fragmentation between digital convenience and brick-and-mortar reality. While e-commerce platforms dominate global trade, local merchants struggle to signal their immediate inventory to nearby consumers, resulting in lost revenue and inefficient regional supply chains. NearVendor was engineered to solve this friction. Built as a high-performance, hyperlocal market discovery engine, the platform transforms traditional neighborhood commerce into a live, interactive ecosystem. It gives local vendors a powerful digital presence while offering consumers a transparent, real-time window into the exact products available right outside their doors.

By engineering high-concurrency database structures and custom geolocation tracking protocols, our development team bridged the gap between location data and retail inventory. The core architecture is designed to handle millions of rapid, location-precise queries simultaneously without introducing system latency. This ensures that every transaction, item query, and real-time vendor update operates flawlessly under heavy, real-world regional load.

At its core, NearVendor eliminates the reliance on unpredictable, generic marketplace frameworks. The entire system is built on a custom technical stack that prioritizes structural integrity, deterministic data routing, and absolute human trust. Retailers can effortlessly synchronize their existing shelf stock with a decentralized web and mobile interface, while buyers gain immediate access to local deals, secure transactions, and rapid fulfillment pathways. By establishing a reliable network optimized for micro-level logistics, NearVendor moves away from abstract e-commerce models and firmly grounds digital interactions within the physical community.

#### MAIN GOALS & TASKS

- ♦ Establish an ironclad, location-precise data framework for hyperlocal asset mapping.
- ♦ Maximize query speeds to deliver instant, real-time retail inventory updates.
- ♦ Engineer highly scalable backend pipelines to handle high-concurrency request surges.
- ♦ Design an intuitive vendor onboarding system requiring zero complex tech overhead.
- ♦ Implement custom geo-fencing mechanics to seamlessly match users with nearby stores.
- ♦ Optimize database logic to reduce server overhead and maintain structural efficiency.
- ♦ Foster direct human trust through transparent product tracking and verified pricing.
- ♦ Provide localized analytics to help small merchants understand regional demand.
- ♦ Deliver a lightweight, cross-platform application that runs flawlessly on any mobile device.

# NEARVENDOR



## EXPERTISE IN USE

### BACKEND ARCHITECTURE

#### High-Concurrency Systems

We engineered the platform's core using a highly resilient NestJS architecture paired with a robust PostgreSQL database layer. By prioritizing deterministic data pipelines and highly optimized relational modeling, the system handles heavy operational throughput and simultaneous data queries effortlessly. This infrastructure forms an ironclad foundation that eliminates performance degradation and ensures complete stability under intense, real-world regional scaling.

### MOBILE DEVELOPMENT

#### Cross-Platform Precision

The client-side interface was built from the ground up using Flutter, enabling a single, highly performant codebase to deliver a native experience on both iOS and Android. Our development team focused heavily on state management and modular UI design to guarantee ultra-responsive interactions, lightning-fast rendering times, and seamless fluid transitions across varied mobile devices.

### REAL-TIME INFRASTRUCTURE

#### Geospatial Data Routing

To achieve instant product discovery, we integrated Firebase to handle live data synchronization and low-latency update streaming. Custom geometric algorithms map vendor coordinates against user locations in real time. This ensures that inventory changes, regional promotions, and localized search results are updated instantly across the network without introducing server overhead or latency bottlenecks.

### DESIGN & USER EXPERIENCE

#### Structural & Human-Centric

Moving completely away from standard, generic marketplace layouts, the interface was designed around structural precision, clean geometric grids, and high-contrast typography. Every visual element was crafted intentionally to reduce cognitive load for both local merchants and everyday consumers. The result is a highly usable, transparent interface built explicitly to foster human trust and effortless navigation.

## QUESTIONS ANSWERS

Most asked questions about our business

### WHAT CORE PHILOSOPHY DRIVES DEVELOPMENT AT ANTI LINEAR TECHNOLOGIES?

We believe in building non-linear, disruptive software engineering architectures that prioritize absolute structural integrity and human trust. Moving completely away from boilerplate code, unpredictable automation layers, and generic solutions, our firm focuses on custom, manual engineering. This ensures every platform we deploy is highly stable, secure, and built specifically to scale efficiently under real-world, high-concurrency loads.

### CAN YOUR INFRASTRUCTURE SCALABILITY HANDLE INTENSE REGIONAL DEMAND?

Yes. Our primary tech stack—built heavily around resilient architectures like NestJS, PostgreSQL, and performant cross-platform frameworks like Flutter—is specifically chosen for massive throughput. We optimize database queries, minimize data abstraction bottlenecks, and structure server logic so that platforms like NearVendor can process thousands of real-time, location-precise interactions seamlessly.

### WHAT KIND OF CUSTOM PROPRIETARY PRODUCTS DOES ALT BUILD AND SUPPORT?

We engineer specialized internal platforms and consumer products designed to solve operational friction. Our core product ecosystem includes NearVendor (a high-performance hyperlocal retail discovery engine), Doneto (a secure, trust-focused crowdfunding platform featuring integrated wallet mechanics), and MITS (an enterprise security and multi-identity intelligence platform engineered for real-time monitoring and situational awareness).

### HOW DOES THE FIRM ENSURE SECURITY IN DIGITAL ASSET MANAGEMENT AND WALLETS?

Security is integrated directly into the low-level architecture of our products rather than treated as an afterthought. For digital wallets and transaction frameworks, we design custom, ironclad cryptographic validation modules. By enforcing strict data structures, deterministic routing pipelines, and robust database layers, we build transparent audit trails and absolute protection against emerging vulnerability vectors.

### HOW DOES ALT APPROACH DESIGN AND THE USER EXPERIENCE OVERALL?

We favor a minimalist, structural, and high-contrast design aesthetic that heavily emphasizes utility, geometric grids, and clean typography. By deliberately avoiding modern trends like superficial neon glows or generic AI-generated styles, we create digital interfaces that reduce cognitive load, focus entirely on data transparency, and build immediate confidence with the end user.

### DOES YOUR SOFTWARE OFFER INTEGRATION MODULES FOR COMPLEX HARDWARE?

Absolutely. Because our team engineers close-to-the-metal custom solutions, we write custom API layers and low-level communication protocols that effortlessly bridge software ecosystems with external hardware arrays. Whether managing real-time feed processing for live situational monitoring or securely syncing localized point-of-sale systems, our platforms are engineered for zero-latency data integration.

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CONCLUSION

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# FUTURE DEVELOPMENT



Moving forward

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## OBJECTIVES

Anti Linear Technologies is positioned to scale beyond custom software architecture toward systemic, high-impact regional solutions. Our primary roadmap focuses on transforming complex data environments into robust, deterministic networks that maximize human trust and operational clarity. By consistently refining our technical stacks, we aim to deploy software ecosystems that handle massive scaling demands natively. The upcoming cycle will prioritize deep core updates across our entire product suite, optimizing relational databases and minimizing latency vectors to ensure absolute stability for our scaling global partnerships.

By establishing highly resilient, non-linear infrastructure frameworks, our engineering teams continue to bridge the gap between abstract computer science and high-concurrency real-world performance. Every proprietary system we deploy serves as a modular building block for the next phase of enterprise software engineering, guaranteeing zero-latency processing pipelines across highly diversified sectors.

Concurrently, we are expanding our engineering footprints across international ecosystems. The ongoing rollout of localized digital infrastructures ensures that small businesses and enterprise-level logistics frameworks alike can operate without relying on bloated, unpredictable automation platforms. Our immediate tactical focus involves broadening the deployment scope of our proprietary market-place routing algorithms, enhancing secure cryptographic asset networks, and scaling multi-identity intelligence architectures into highly sensitive operational spaces. Through strict manual engineering precision, we are building a foundation that redefines software reliability on an international scale.

## COMPLETION

The ultimate execution of this technical roadmap establishes Anti Linear Technologies as an ironclad anchor in the engineering landscape. By remaining fiercely committed to minimalist, high-contrast, data-transparent design paradigms and deterministic low-level programming stacks, we ensure that our digital products remain completely future-proof. We don't build temporary software solutions; we engineer enduring digital architecture that fosters direct transparency, eliminates system friction, and empowers global operations to execute flawlessly under heavy, real-world load.



# *Defying Linearity*



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