Business NEWSLETTER

Tech4LYF | Corporate Insights

02 — **The Tech4LYF Journey: From One Visionary to a World-Class Corporation**
Discover how a single founder's vision evolved into a cutting-edge tech corporation shaping industries worldwide.

03 — **Java Meets PLC: Seamless Communication in Industrial Systems**
Abilash, SDE-I, breaks down how Java enables seamless communication with PLCs in industrial systems.
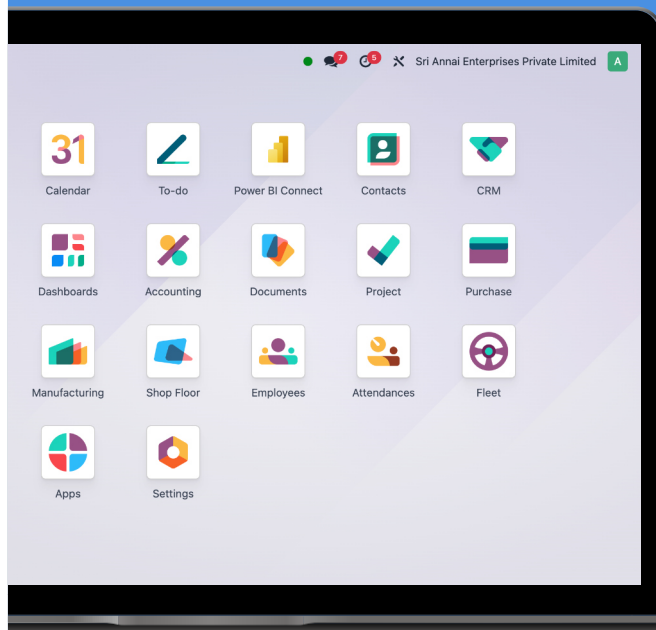
CEO's Keynote

Hi there,

From a simple spark of an idea to becoming Tech4LYF Corporation - it's been an incredible journey of building, breaking, learning, and scaling. When I started this company, my vision was clear: make powerful technology accessible and meaningful for every business, whether it's a startup or a large enterprise. Today, I'm proud to say we're doing exactly that - crafting custom software, integrating automation, building IoT systems, and redefining what's possible with tech. But more importantly, we're doing it with purpose, precision, and people at the core. This newsletter is a small window into our world - what we're building, learning, and dreaming. Thank you for being a part of this journey. The best is always ahead.

Stay curious,
**Akash Raja Singh,
CEO & Head of IIOT & Strategy,
Tech4LYF Corporation**

Featured Project

Tech4LYF Enabled Annai Groups to Streamline Operations and Accelerate Sales with Odoo ERP

The Problem: Fragmented and Slow
Annai Groups struggled with scattered data across sales, inventory, manufacturing, and finance. Their fast-moving supply chain and printing operations demanded a centralized system that could grow with their multi-unit business and speed up decision-making.

Our Approach: Tailored ERP Integration
Tech4LYF deployed a customized Odoo ERP solution covering:
- Sales, Purchase, Manufacturing, Inventory, Accounting & CRM
- Specialized batch tracking for FMCG distribution
- Barcode integration for real-time inventory control
- Job costing features designed for printing workflows

Results That Matter
- Order processing accelerated by 60% thanks to automated inventory sync
- Minimized stock-outs and overstock through intelligent demand forecasting
- Full real-time visibility across production and dispatch teams
- Multi-company financial consolidation delivering precise P&L insights

Why It Works
By unifying their operations under one smart ERP platform, Annai Groups now runs faster, smarter, and more efficiently - fueling their growth in FMCG and printing sectors.

Tech4LYF | Corporate Insights

The Tech4LYF Journey: From One Visionary to a World-Class Corporation

Tech4LYF began as a solopreneur's dream under the name Tech4LYF Entrepreneurs, with a mission to bring practical, smart, and scalable technology solutions to businesses that needed them most. Operating single-handedly, the founder took on diverse challenges - from mobile app development to IoT integrations - building fully functional systems from scratch. With each successful delivery, the reputation for quality, reliability, and innovation grew. What started as freelance work soon evolved into a full-time entrepreneurial pursuit, built on deep technical expertise and an unwavering drive to make a difference.

As the demand for advanced digital solutions increased, so did the scale and ambition of Tech4LYF Entrepreneurs. The business gradually expanded into a full-service technology partner, offering everything from ERP and automation systems to custom software, cloud infrastructure, and industrial IoT solutions. This expansion was powered not by flashy marketing but by consistent performance, word-of-mouth referrals, and long-term client relationships. The founder's ability to combine engineering depth with business insight positioned Tech4LYF as a trusted enabler for companies seeking real transformation.

Recognizing the need for a more structured, future-ready identity, Tech4LYF Entrepreneurs was restructured and legally incorporated as T4L Corporation India Pvt Ltd, with the brand name Tech4LYF Corporation. This marked a pivotal evolution from a founder-led agency into a professionally managed private limited company. Departments were formalized,

processes were scaled, and the focus shifted toward becoming a product-driven, globally capable enterprise. Yet, the culture of agility, innovation, and customer-first thinking remained firmly rooted in the company's DNA.

Today, Tech4LYF Corporation is a name trusted by startups, SMEs, and industrial giants alike. From complex ERP rollouts and factory automation to mobile ecosystems and enterprise tools, Tech4LYF delivers solutions that are not just functional but transformative. The journey from a solopreneur's vision to a world-class corporation is not just a story of growth - it's a testament to what's possible when vision, technology, and execution come together with purpose.

As it looks to the future, Tech4LYF remains committed to expanding its impact across sectors, geographies, and industries. With a growing team of passionate engineers, designers, and strategists, the company continues to innovate, build, and empower - driven by the same founding spirit that started it all. Whether it's empowering local businesses or building global-scale platforms, Tech4LYF's journey has only just begun.

DID YOU KNOW?

Tech4LYF systems are silently working behind the scenes in factories, mines, apartments, and offices - collecting data, automating tasks, and reducing human error. You may not see us, but our tech ensures things run smarter, faster, and smoother - every single day.

Java Meets PLC: Seamless Communication in Industrial Systems

Integrating Java with Programmable Logic Controllers (PLCs) helps build smart industrial systems with remote control and monitoring features. This setup improves maintenance, troubleshooting, and overall system efficiency.Benefits of Java-PLC Integration:

Remote Access and Control:

Java apps can connect to PLCs from anywhere - even over the internet - making remote monitoring and maintenance easier.

Better Debugging:

Java offers great debugging tools, which help find and fix issues faster during PLC application development.

Scalability and Flexibility:

Java supports modular and scalable designs, making it easier to expand or adapt systems as needed.

Web-Based Control:

Java can create web interfaces or dashboards, so users can control PLCs using a browser from any location.

Easy HMI Development:

Tools like A-Sphere HMI, built with Java, make it simple to design user-friendly interfaces that work smoothly with PLCs.

Abilash
Software Development Engineer - I
Tech4LYF Corporation

What's New @Tech4LYF

We're scaling fast - not just in size, but in vision, capability, and global ambition.

Stronger Together

We're integrating our services with trusted hardware and tech partners to deliver end-to-end solutions - from embedded systems and smart sensors to advanced software platforms. This synergy is enabling us to offer clients full-stack innovation under one roof.

Game-Changing IIoT Product in Development

Our R&D team is engineering a world-class IIoT platform, built to serve automobile and manufacturing sectors. With real-time machine data, predictive analytics, and remote diagnostics, this product aims to redefine industrial intelligence in India and beyond.

Investing in AI – Our Next Leap

We're putting serious weight behind AI — building and training our own in-house models tailored for SMEs. From intelligent chatbots to vision-based automation, we're crafting tools that put global-level intelligence into local businesses.

What's Ahead?

A proprietary low-code platform for internal workflows.

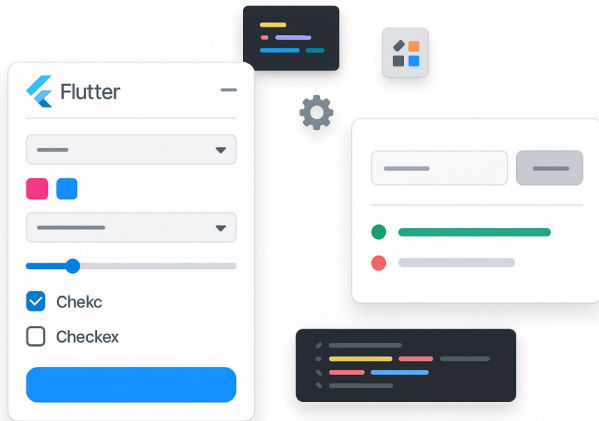A customer dashboard app for real-time project and ticket updates.

Integration with platforms like OpenRouter, Ollama, and n8n.

Offline-first mobile apps for field operations.

At Tech4LYF, the future isn't just arriving - we're building it.

#T4LInvestsinAI

2025

Advancements in developer experience, particularly with the new flutter property editor in ides and the deep link validator

At Tech4ILYF, we're always looking for ways to stay ahead with tools that boost both productivity and developer experience. This month, we're excited to share some updates that have helped us work smarter—and we think you'll love exploring them too!

Let's start with something we've been eagerly waiting for—the new Flutter Property Editor is now live in IDEs like Android Studio and VS Code. It brings a much-needed visual interface to Flutter development, allowing us to change widget properties without diving deep into nested code. It's intuitive, clean, and has made our UI-building process much more efficient.

We're also excited about the Deep Link Validator, a valuable tool for validating navigation and routing logic within Flutter apps. It ensures that all app links and external deep links are properly set up, helping us catch issues early and maintain a smoother user experience.
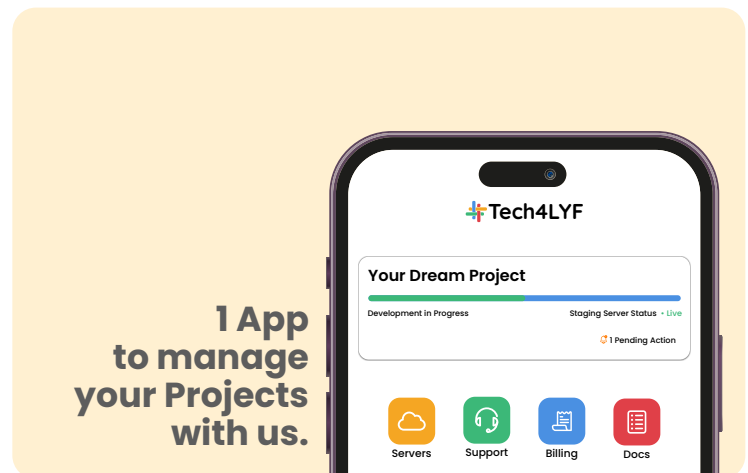
And of course, we can't forget the highlights from Google I/O 2025! Flutter 4.0 was officially announced, bringing massive performance improvements, updates to Material 3 design support, and powerful enhancements to DevTools. The integration of AI-driven code suggestions was a standout—making our day-to-day development feel even more seamless and intelligent.

These tools and updates are already making a difference in our internal projects here at Tech4lyf, and we're looking forward to seeing how they can level up your development experience too.

Manoj
Software Development Engineer - I
Mobile Applications
Tech4LYF Corporation

Tech4LYF's All-in-One Customer Application

1 App to manage your Projects with us.

We're excited to announce that Tech4LYF will be launching a brand-new customer application later this year, designed to simplify and streamline how you manage your tech services. Whether you're tracking project progress, managing servers or cloud infrastructure, registering domains, or raising support tickets—everything will now be accessible from one powerful platform.

Let's Elevate Your Business with Tech4LYF

Looking to scale your operations, improve efficiency, or launch your next big idea? At Tech4LYF, we turn ambitious goals into powerful digital realities.
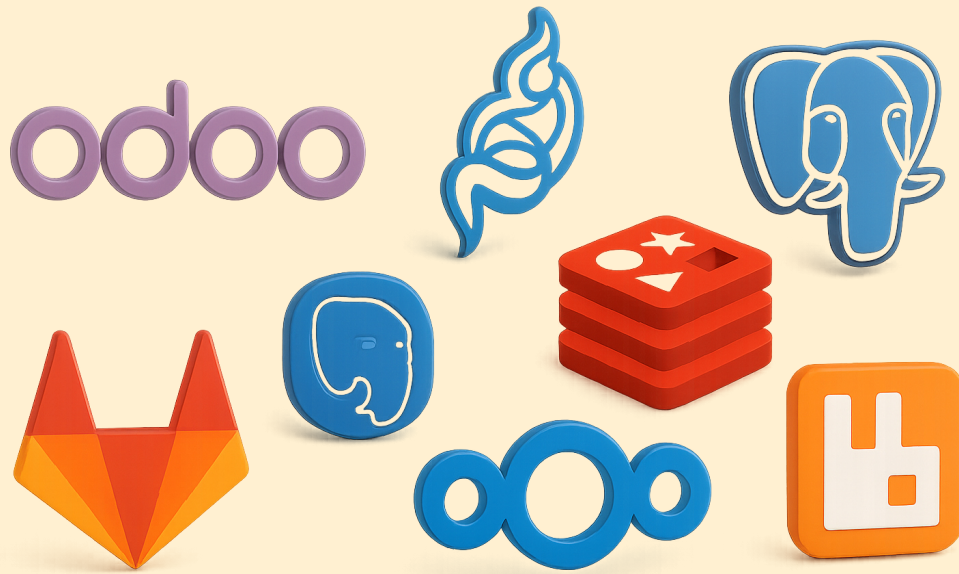
From custom software and mobile apps to industrial IoT systems and advanced ERP solutions — our expert team delivers technology that adapts to your business, not the other way around.

Join the growing list of innovative businesses that trust Tech4LYF for reliable, scalable, and future-ready solutions.
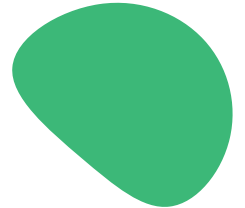
Ready to get started?

Contact us today

Tech4LYF | Corporate Insights

Powering Innovation with Open Source: Inside Tech4LYF's In-House Stack

At Tech4LYF, we believe in the strength and flexibility of open-source technologies. That's why our internal operations, communication, and development processes are built on a solid foundation of proven open-source tools-customized and optimized in-house to fit our needs.Here's how we leverage open source across our organization:

• Odoo - For managing operations, from CRM to invoicing and inventory
• Jitsi - For secure and reliable virtual meetings and video conferencing
• Mattermost – For real-time team collaboration and internal communication
• Development & Management Tools - We integrate key open-source platforms for code versioning, CI/CD, monitoring, and project management

By choosing open-source, we maintain transparency, reduce vendor lock-in, and ensure full control over our infrastructure - while contributing back to the community whenever we can. At Tech4LYF, open-source isn't just a choice - it's part of our culture.

Christofer
CTO & Head of Software
Development
Tech4LYF Corporation

Service Highlight of the Month

This month, we're spotlighting one of the core tools that powers our operations - Odoo. As a fully integrated, open-source ERP platform, Odoo helps us manage everything from sales and CRM to inventory, accounting, and HR - all in one place.

At Tech4LYF, we've tailored Odoo to fit our workflows, enabling smoother operations, real-time insights, and efficient collaboration across teams. Its modular structure means we can scale and adapt as we grow - without compromising on performance or flexibility.

Whether it's automating tasks or improving customer service, Odoo is a game-changer, and we're proud to highlight it as a key part of our open-source-first approach.

Tech4LYF | Corporate Insights

Delivering Competitive Products That Make an Impact, The Tech4LYF Way

Stay Connected with Tech4LYF

In today's dynamic and highly competitive market, launching a product that truly stands out requires more than just innovation—it demands strategic insight, agility, and a deep understanding of customer needs. At Tech4LYF, we specialize in delivering potential-packed products that not only meet market demands but exceed client expectations.

Our process begins with comprehensive research and discovery. We invest time in understanding the client's industry, target audience, and unique challenges. This foundational knowledge allows us to design solutions that are tailored to real-world needs and positioned for success.

We adopt an agile development methodology, enabling iterative progress and close collaboration with our clients. This approach ensures continuous feedback, rapid adjustments, and delivery of a refined product that aligns perfectly with business objectives. Leveraging modern technology stacks combined with powerful open-source tools, we optimize development efficiency without compromising quality or reliability.

Beyond development, we provide market-ready support that includes UI/UX refinement, performance optimization, and strategic launch planning. This holistic approach guarantees that every product we deliver is equipped to compete confidently in its market space.

At Tech4LYF, we don't just build products—we create solutions designed to thrive. Our commitment is to empower clients with tools that drive growth, foster innovation, and secure a competitive edge.

Ragurajan Vijaykumar
COO & Head of Delivery
& Operations
Tech4LYF Corporation

Your journey with technology shouldn't end when you finish reading — let's keep the conversation going!Follow Us:

Be the first to know about our latest projects, industry insights, and exclusive offers.

/tech4lyf.dev   /tech4lyf   /tech4lyfcorp

Let's Talk:

Have an idea, a question, or a challenge? We're just an email away.

biz@tech4lyf.com

Our Mission:

At Tech4LYF, we're dedicated to making technology human, accessible, and impactful. Thank you for being part of our story.

Together, let's build the future — one solution at a time.