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# Engineering the Future with AI-First Development

Absolute expertise. Absolute innovation.  
Absolute App Labs

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# You bring the vision. We bring the expertise.

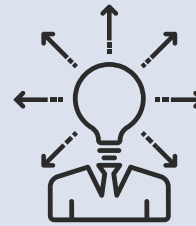
*From Legal Tech to Spatial GIS is what Absolute App Labs has been building.*

At **Absolute App Labs**, we turn bold ideas into market-ready products that create real impact. With registered offices in Chennai and St. Louis, we bring 5+ years of expertise in product strategy, user experience, full-stack development, and AI integration.

From startups shaping their first product to enterprises modernizing complex systems, we are the trusted partner to build with precision, speed, and quality.



# Intelligence that we Build



## AI-Powered Product Development

We deliver your digital products from the ground up with AI for better personalization, automation and predictive insights.



## AI Enablement For Existing Products

We enhance your current software or platform with AI for smarter recommendations, and behavioural tracking to make better decisions.



## Digital Transformation

We deliver tailored, tech-driven solutions that help businesses scale and achieve digital transformation with confidence.

## **3-Step Process**

### **From Discovery to Delivery, Simplified**

**01**

#### **Discovery Call**

Schedule a quick discovery call at your convenience. This is where we listen to your needs, understand your challenges, and share how our expertise can align with your goals.

**02**

#### **Concept to Clarity**

We translate fragmented ideas into a clear, unified vision. You'll receive a detailed Statement of Understanding that defines the next steps, engagement model, and estimated budget.

**03**

#### **Execution with Transparency**

While you focus on your business, we focus on delivery. Our team works tirelessly to execute the plan, keeping you updated at every stage. The result: your vision transformed into a working solution, on time and with precision.



# Approach



## Transparent Sprint

Know exactly what's happening and when.

We work in clear, structured sprints where every task is visible. You'll always know what's being built, what's coming next, and when to expect delivery no surprises, just clarity and control.



## Bi-Weekly Demos

Spot issues before they grow.

Every two weeks, we demo working features so you can see progress in real time. This early visibility ensures alignment, catches issues early, and keeps the product moving in the right direction.



## Dedicated AI Strategists

Precise strategies for your product.

It's not a buzzword it's a competitive edge. Our AI strategists work closely with you to identify where intelligence adds the value, shaping features that are practical and impactful.



## Enterprise-Grade Engineering

Solid from the first release.

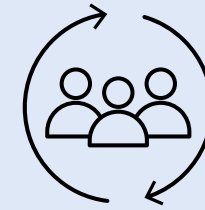
From architecture design and security best practices to performance testing and compliance, our engineering process ensures your product is stable, secure, and ready to scale from day one.





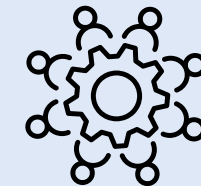
## Workplace values inspire everything we build

*"These Values, shape  
our culture,  
our partnerships, and  
every product  
we bring to life."*



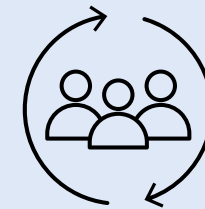
### People First & Inclusive Culture

We create an environment where everyone feels valued, trusted, and empowered to grow. Belonging and ownership aren't perks; they're our foundation.



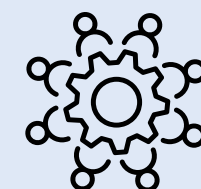
### Transparency

We believe in open communication, clear processes, and shared insights. No hidden agendas — just trust, clarity, and collaboration.



### Innovation & Continuous Improvement

Technology evolves, and so do we. We embrace curiosity, learning, and iteration to deliver solutions that are always a step ahead.



### Client Success First

We measure success by impact, not output. Every product we build is designed to create meaningful value and exceed expectations.



# Absolute App LABS

## Case Study

Legal Buddy, a U.S.-based legal tech startup, set out to make legal support accessible, transparent, and trustworthy through a digital-first experience. With no prior infrastructure, they partnered with Absolute App Labs to design and build a scalable mobile app and web admin portal.

**Industry:** Legal Tech

**Location:** St. Louis, Missouri, USA

**Technologies:** Flutter, React, Node.js, MongoDB, REST APIs, YouTube API

**Deliverables:** Custom mobile apps, admin panel, API integrations



# How Legal Buddy Redefined Digital Legal Support

***5×** Increase in Lawyer Profile Interactions*  
***90%** Accuracy in State-Specific Disclaimers*  
***<120 seconds** to Match Users with Attorneys*

## The Challenge

Legal Buddy faced a complex mission to transform a traditionally offline legal process into a fully digital, compliant, and trustworthy experience.

They needed a solution that could:

- Ensure compliance across multiple U.S. jurisdictions
- Build user confidence in a digital legal platform
- Deliver real-time attorney matching and secure communication
- Streamline workflows for users, lawyers, and admins alike

## Our Solution

We collaborated closely with Legal Buddy to **design, develop, and deploy a cross-platform solution** that merged smart technology with human-centered design.

- **2-Minute Attorney Matching:** Integrated real-time availability and location-based logic to instantly pair users with verified attorneys.
- **Scalable Admin Platform:** Streamlined case tracking and communication achieving a 3× boost in operational efficiency.
- **Unified Experience:** Delivered a consistent UX across mobile and web for both users and legal professionals.

MannKind Corporation, a leading US biotech firm faced operational hurdles when it came to managing patient data and reporting for high-demand products like inhaled insulin and Thyquidity. Their existing process required extensive manual effort to generate reports, causing delays that affected both internal decision-making and patient care quality.

**Industry:** Healthcare

**Location:** Danbury,  
Connecticut, USA

**Technologies:** Node.js,  
Snowflake, dbt, REST APIs,  
Power BI, MySQL

**Deliverables:** Custom  
middleware, automated  
reporting engine, on-premise  
data storage, user dashboard



# How MannKind Pharma Achieved 95% Automated Patient Reporting

**3× Faster Decision Making**  
**<1 minute Report Generation**  
**2 years of Audit-Ready On-Premise Data**

## The Challenge

- Manual, redundant reporting processes that consumed valuable time.
- High data volumes strained the CRM, making real-time insights difficult.
- Limited user access under license constraints.
- Inconsistent, delayed outputs making compliance and audits harder.

## Our Solution

We designed and implemented a secure, on-premise middleware pipeline that automated data flows and reporting:

- Built a Node.js middleware to pull patient record data from LACRM each day, process it (using Snowflake + dbt), and format reports tailored to user needs.
- Enabled a custom interface granting unlimited internal users real-time, product-specific dashboards without needing direct CRM access.
- Optimized report generation to take under 1 minute instead of hours.
- Implemented secure data storage with two years of historical on-premise archival for audit readiness.



Triumph Systems partnered with Absolute App Labs to develop Brass App, an immersive dry-fire training platform designed for firearm enthusiasts and trainees. The app enables users to simulate real firing sessions without live ammunition applying advanced computer vision and UX design to deliver an engaging learning experience.

**Industry:** Firearms Simulation

**Technologies:** React Native or Flutter, TensorFlow / OpenCV, Backend with Node.js, API integrations

**Deliverables:** Mobile App, Training Dashboard, Simulation API, Performance Analytics

# How Brass App Gamified Firearms Training

***10,000+** Simulated Training Sessions*  
***25%** Improvement in Shot Accuracy*  
***<1 Minute** Average Submission Time*

## The Challenge

- Traditional firearms training is expensive, resource-intensive, and logistically challenging.
- Users lack instant feedback and performance analytics during practice.
- Need for safety — dry-fire apps must simulate realistic training while ensuring no real ammunition is used.
- Performance tracking, progress monitoring, and continuous learning were missing in many existing systems.

## Our Solution

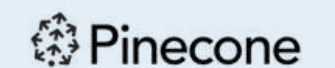
- **Real-time Simulation:** Developed camera-based detection to track shot accuracy, feedback overlays, and realistic targets.
- **Performance Analytics Dashboard:** Users could review shot patterns, view improvement over time, and track sessions.
- **Low Barrier to Entry:** Made the app usable with standard equipment (phone + dry-fire kit), minimizing setup costs.
- **Gamification:** Leaderboards, badges, time-based challenges to encourage frequent, consistent practice.



Good at



LangChain





With transparent processes, innovative solutions,  
and enterprise-grade engineering, we ensure  
your ideas turn into scalable, impactful products  
that drive real business results.

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