Company Profile

Divescale LLC

AI-first software engineering. Cloud-native architecture.
Precision-built products for companies that think ahead.

Generative AI | AWS Infrastructure | Full-Stack Engineering | UI/UX Design

ABOUT US

Who We Are

Divescale is a software engineering company built for the AI era. We design, build, and deploy intelligent systems that automate operations, reduce costs, and create competitive advantage.

Our work spans generative AI, cloud infrastructure, full-stack applications, and DevOps automation. Every project is engineered with the same standard: precision, observability, and measurable value.

We have delivered 15+ projects across fintech, healthcare, energy, hospitality, and document intelligence. Our team combines deep AWS expertise with modern AI tooling to solve complex problems.

15+
PROJECTS DELIVERED

4
AWS CASE STUDIES

7
APP PLATFORMS

99.9%
UPTIME DELIVERED

MISSION

To empower businesses with innovative digital solutions that drive growth, enhance user experiences, and create lasting value in an ever-evolving digital landscape.

VISION

Every company will have AI-native infrastructure. We are building that future now, one precise system at a time, with engineering standards that exceed enterprise expectations.

INDUSTRIES WE SERVE

- Healthcare
- FinTech
- Utilities
- Hospitality
- Financial Services
- Technology
- Fitness & Wellness
- Construction

WHAT WE DO

Our Services

We offer end-to-end engineering services. From AI model integration to cloud infrastructure, every service is designed to reduce operational overhead and increase speed.

AI Audit & Automation

We conduct deep audits of your business operations to identify inefficiencies, manual bottlenecks, and high-leverage automation opportunities. Then we design and deploy AI-powered systems that optimize those processes end-to-end, delivering measurable gains in operational efficiency, cost reduction, and team productivity.

Cloud Architecture & DevOps

We design and build on AWS, GCP, and Azure. Serverless, microservices, containerization, and multi-tenant SaaS platforms are our specialty. We handle infrastructure setup, security, scaling, and automate deployments with zero-downtime CI/CD pipelines.

Full-Stack Development

React, Next.js, Node.js, Python, TypeScript. We build web and mobile applications with real-time data, complex state, and enterprise-grade security. From concept to deployment.

UI/UX Design

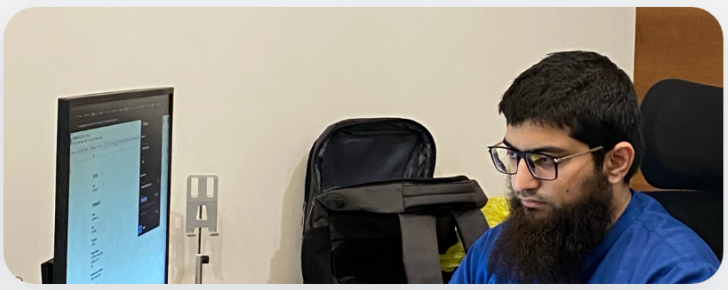
We design interfaces that are clean, functional, and conversion-oriented. From wireframes to high-fidelity prototypes, every pixel is intentional. User testing included.

OUR TEAM

The People Behind Divescale

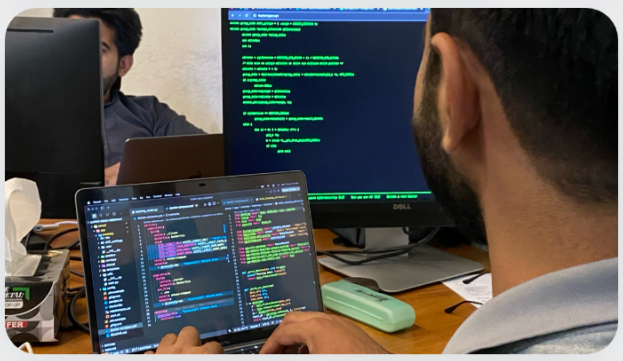
A distributed team of engineers, designers, and AI specialists. We collaborate across time zones to deliver products that work.

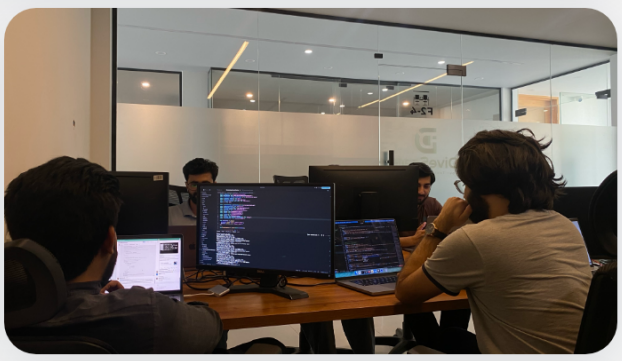




















WHY DIVESCALE

What Sets Us Apart

We are not a generalist agency. We are a specialist engineering firm with deep expertise in AI and cloud infrastructure. That focus produces better results.

AI-First Engineering

We do not treat AI as an add-on. We architect systems with AI at the center. Every project is evaluated for automation potential from day one. Our team includes specialists in LLM integration, vector databases, and agentic workflows.

AWS Deep Expertise

We are certified AWS partners with production experience across Lambda, ECS, Bedrock, RDS, S3, and security services. We build what scales. Our infrastructure designs have supported millions of requests with 99.9% uptime.

Full-Stack Ownership

We handle everything from database design to frontend animation. One team, one accountability, one timeline. No handoff gaps. Our engineers are fluent across the entire stack.

Business-First Value

Every engagement is designed around your business outcomes. We focus on how to reduce operational overhead, protect revenue streams, and free your team to focus on high-value work. Our approach is rooted in understanding your workflows first, then applying technology to amplify what already drives your business forward. The return is measured in time reclaimed, costs avoided, and opportunities captured, not just features shipped.

OUR COMMITMENTS

Fixed Timelines

We deliver on the dates we commit to. No delays, no surprises. Our sprint planning is precise and transparent.

No Hidden Costs

Our proposals are detailed and fixed-price. Every line item is explained. No scope creep without discussion.

Knowledge Transfer

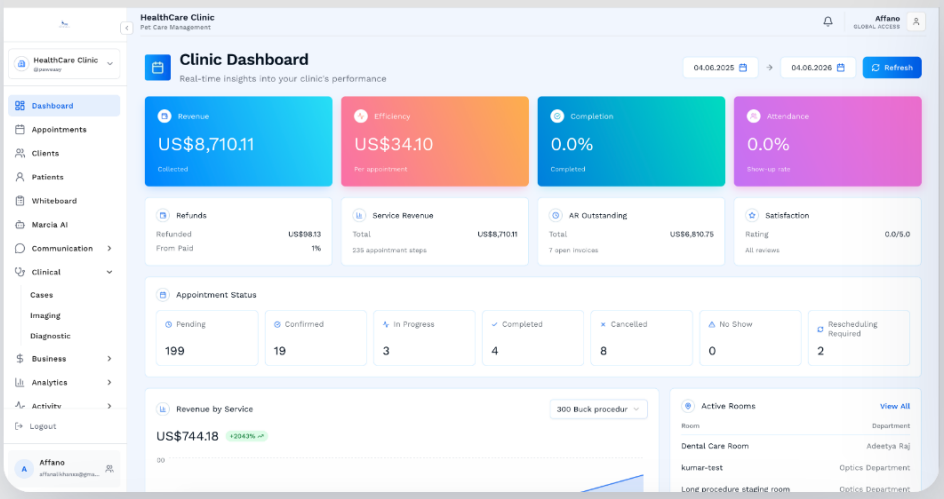
We document everything. When we leave, your team owns the system. No vendor lock-in. No black boxes.

PROJECT 01 HEALTHCARE · SAAS

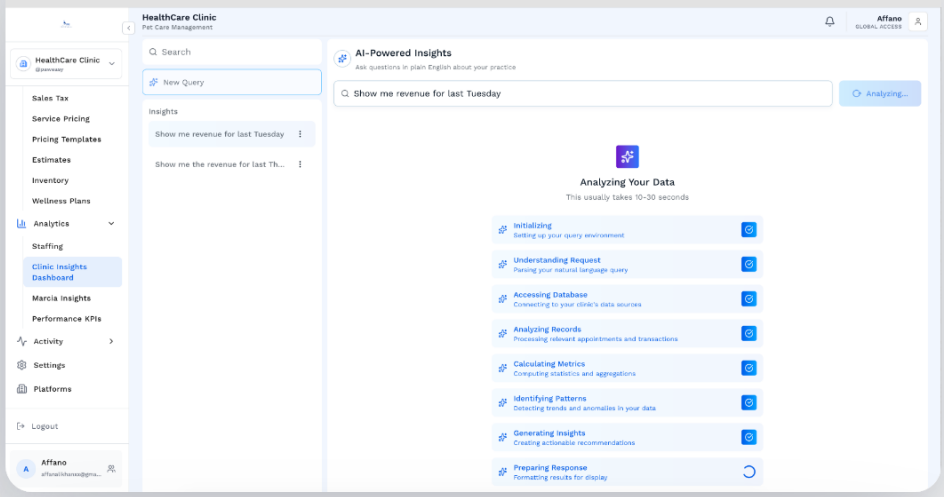
Pet Health Care System

Multi-tenant veterinary SaaS platform with AI-powered chatbot, automated CI/CD, secure file storage, real-time billing, and credential rotation.

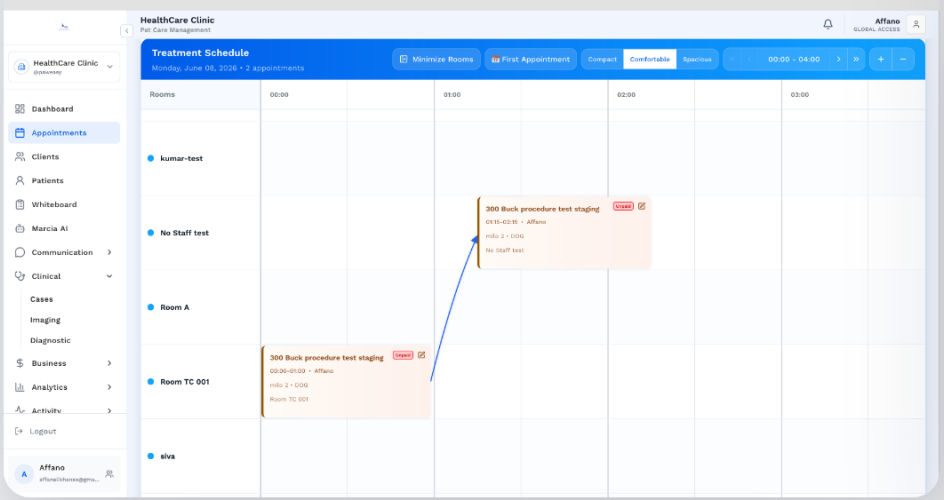
Dashboard



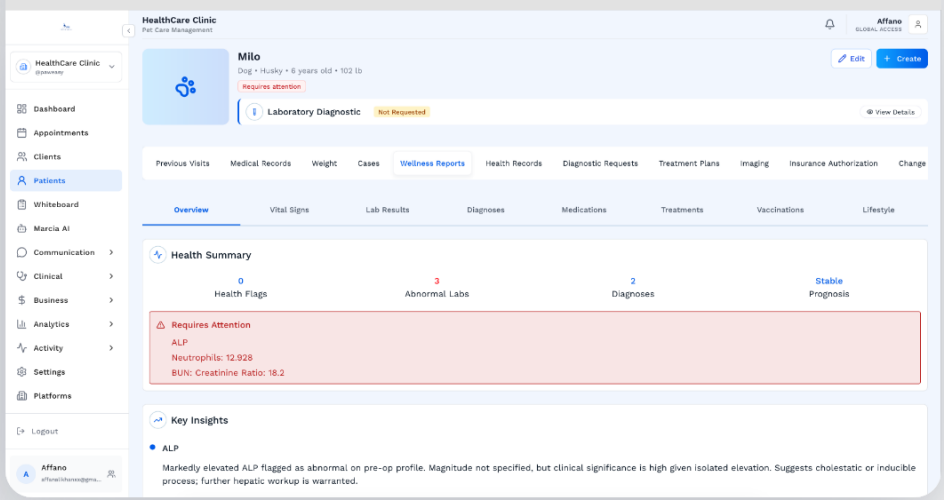
AI Insights



Scheduler



AI Wellness Report



Next.js · React · TypeScript · Node.js · NestJS · Prisma · PostgreSQL · Redis · AWS · Vercel AI SDK · Mistral AI · Stripe · Twilio · Docker · HIPAA

VALUE DELIVERED

We built a unified veterinary platform that consolidates scheduling, billing, AI-assisted care, and client communication into one system. Automated reminders reduce no-shows. AI wellness reports save documentation time. Real-time billing eliminates reconciliation delays.

65-80%
NO-SHOW REDUCTION

3-5 hrs
ADMIN TIME SAVED WEEKLY

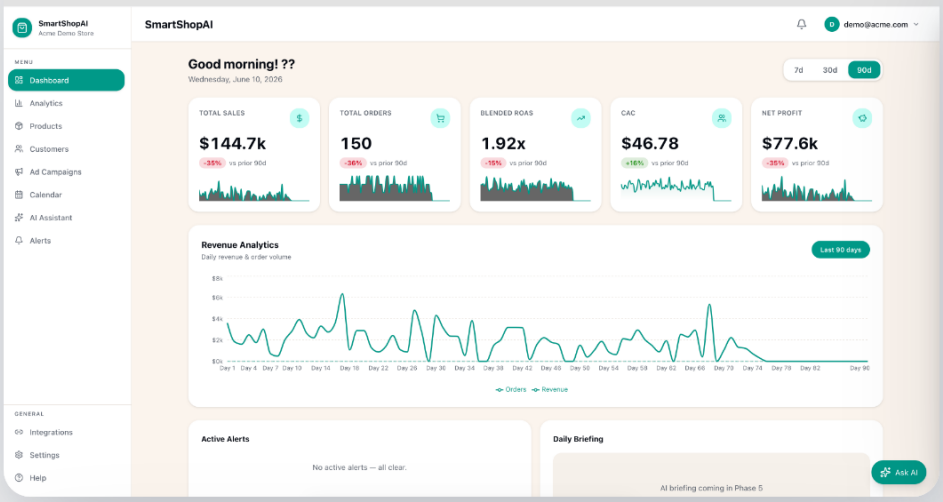
5-8x
FASTER DOCUMENTATION

PROJECT 02 E-COMMERCE · AI

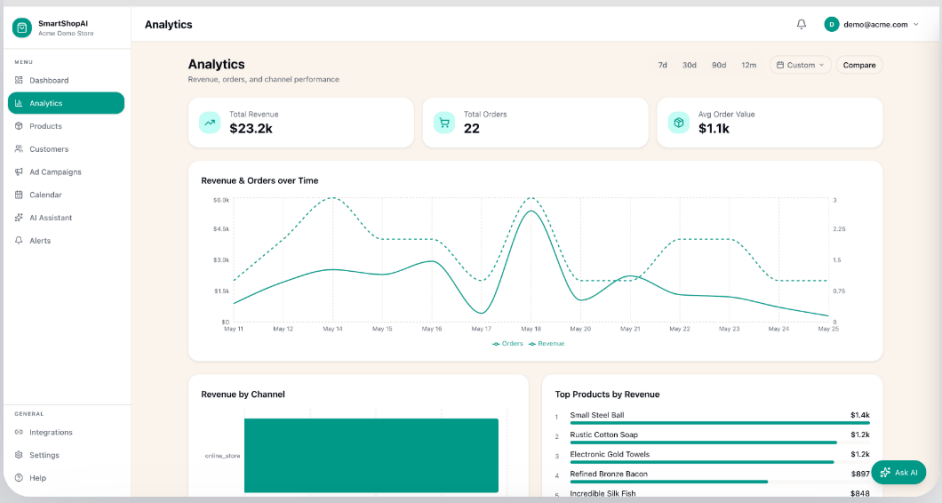
Smart Shop AI

AI-powered e-commerce platform with intelligent product recommendations, automated ad campaigns, and real-time analytics dashboard.

Dashboard



Analytics



Products

AI Chat

Next.js · React · TypeScript · Node.js · PostgreSQL · Redis · AWS · Docker · OpenAI

VALUE DELIVERED

We delivered an AI-powered e-commerce platform that automates campaign operations, generates product recommendations, and surfaces real-time analytics. Teams spend less time on manual data work and more time on growth and customer experience.

60%+
ADMIN OVERHEAD REDUCED

2-3x
FASTER CAMPAIGN CYCLES

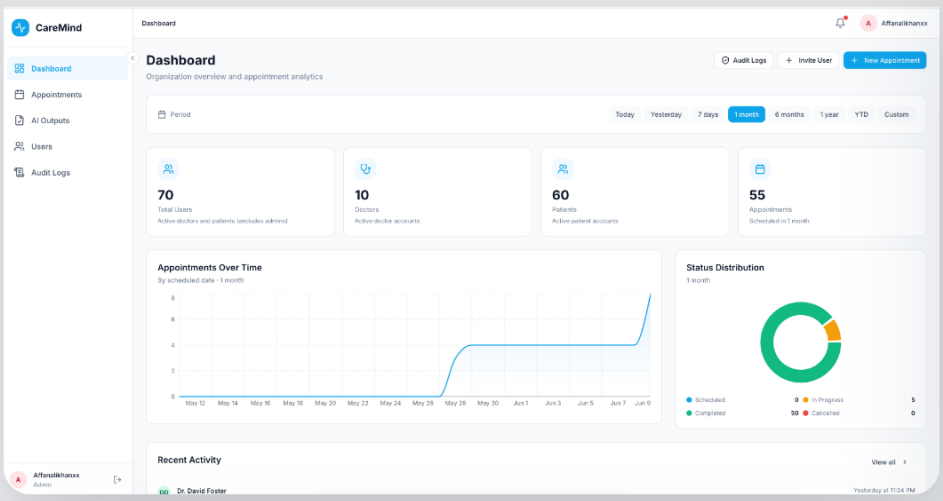
Real-time
ANALYTICS & INSIGHTS

PROJECT 03 HEALTHCARE · HIPAA

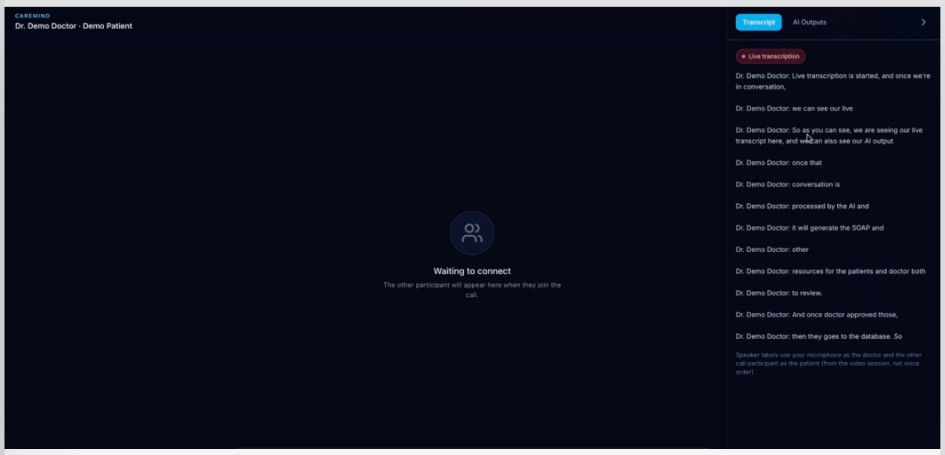
CareMind

A multi-tenant healthcare platform unifying secure video visits, document intelligence, and clinician-approved AI notes. Built under HIPAA rules with isolated tenant data, audit logging, and consent-first recording.

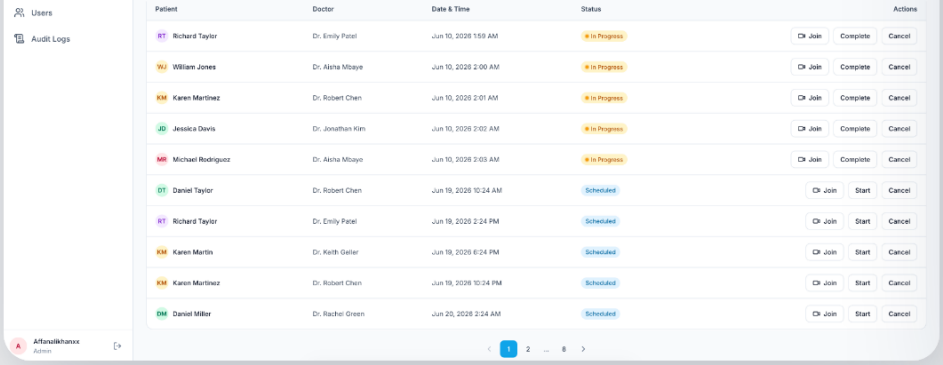
Dashboard



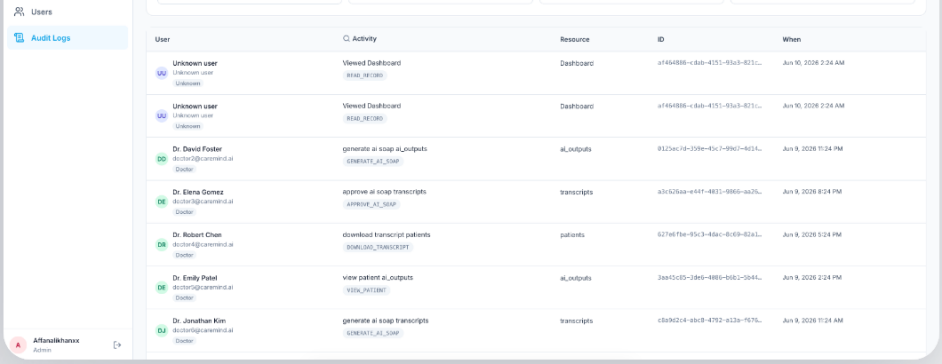
AI Transcription



Appointments



Audit Logs



React · TypeScript · Vite · Node.js · Express · Prisma · PostgreSQL · pgvector · Redis · BullMQ · LiveKit · OpenRouter · Deepgram · Docker · HIPAA

VALUE DELIVERED

We built a unified healthcare platform that combines secure video visits, AI-powered transcription, and automated documentation into one HIPAA-compliant system. Clinicians reclaim hours for patient care while the platform handles compliance, audit logging, and consent management automatically.

3-4 hrs
DAILY ADMIN TIME SAVED

100%
HIPAA AUDIT COMPLIANCE

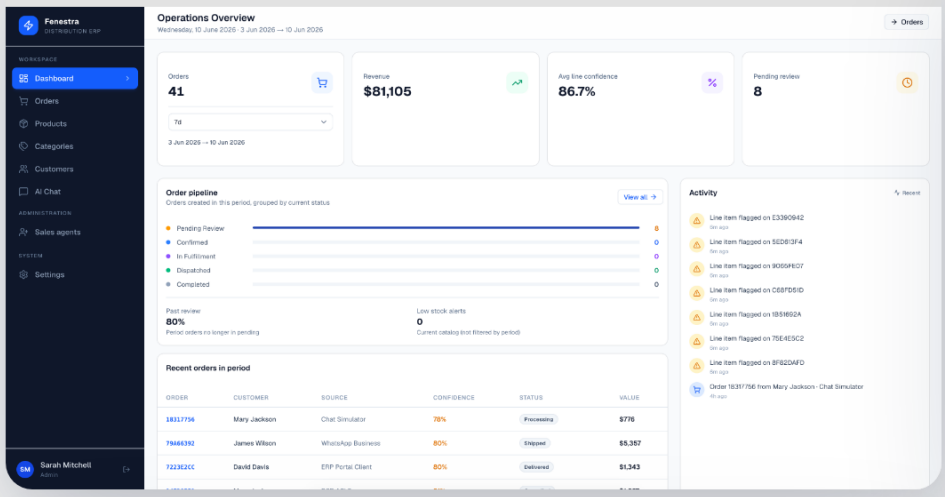
5x
FASTER NOTE COMPLETION

PROJECT 04 MANUFACTURING · AI

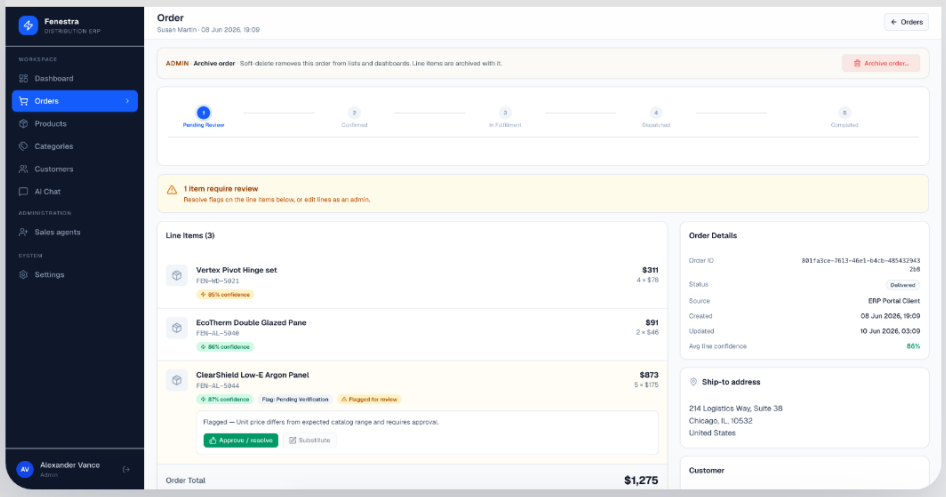
Fenestra

AI-powered order management that turns WhatsApp messages, emails, and handwritten lists into confirmed, error-free purchase orders in under 60 seconds.

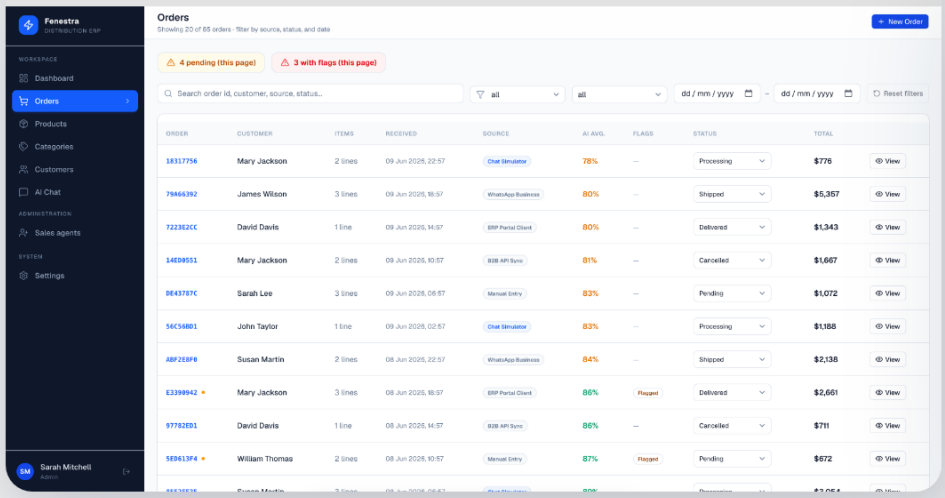
Dashboard



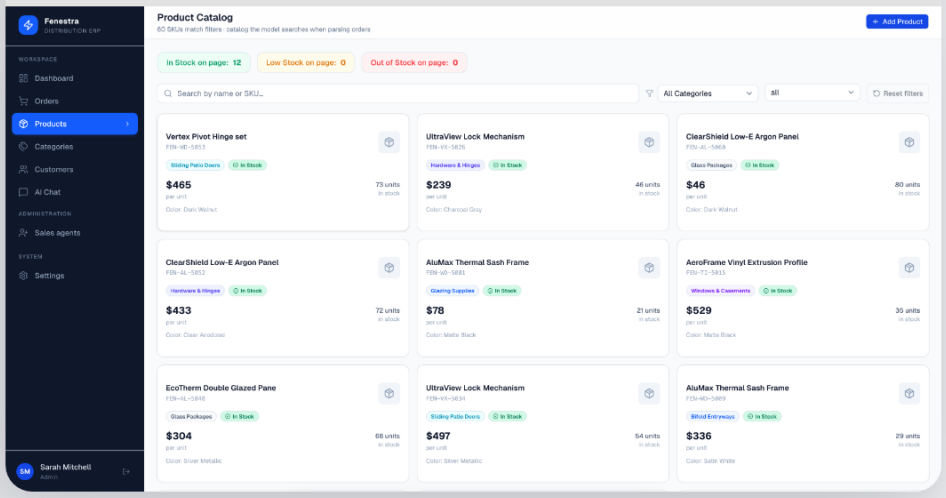
AI Order



Orders List



Products



Next.js · React · TypeScript · NestJS · PostgreSQL · BullMQ · Redis · Docker · OpenRouter · Langchain · Claude · Cloudflare

VALUE DELIVERED

We delivered an AI order management system that converts WhatsApp, email, and handwritten orders into structured purchase orders in under 60 seconds. The platform surfaces only exceptions for human review, capturing after-hours inquiries and eliminating errors before they reach job sites.

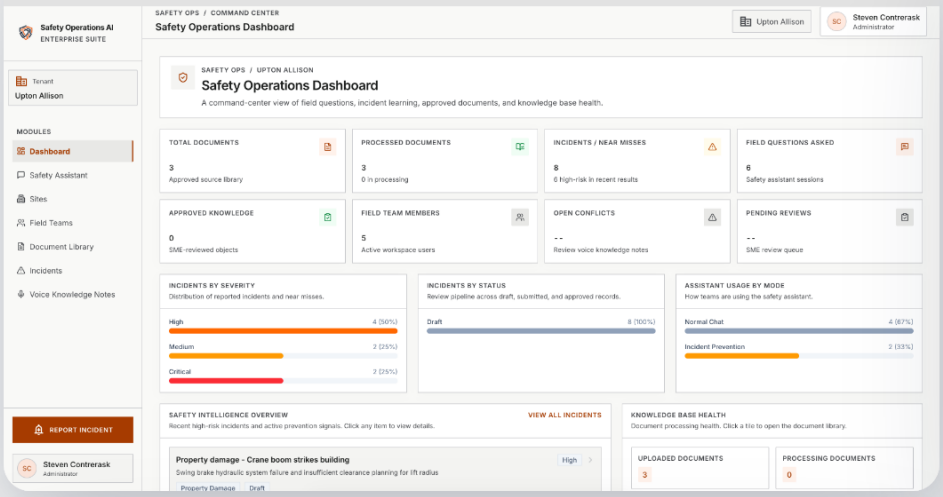
60 sec	95%+	24/7
AI ORDER PROCESSING TIME	ERROR-FREE ORDERS	AFTER-HOURS ORDER CAPTURE

PROJECT 05 INDUSTRIAL · AI

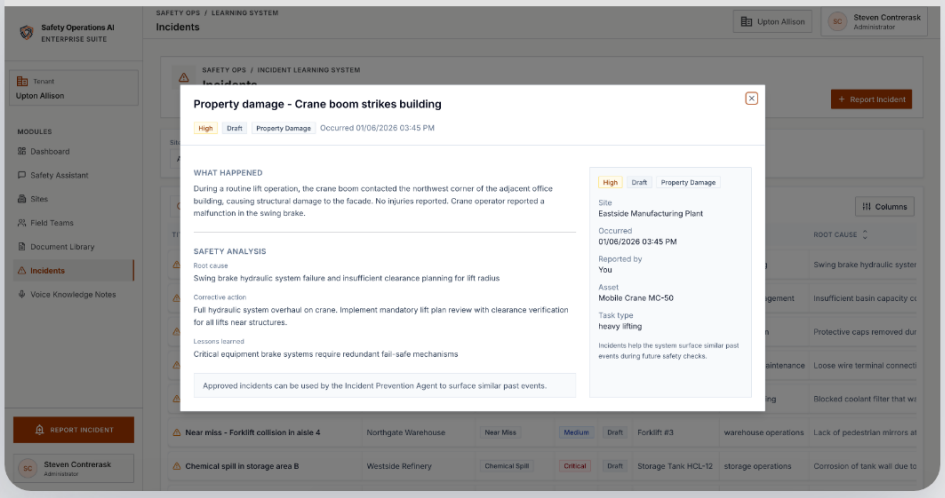
Safety Operations

Transforming fragmented safety knowledge into actionable point-of-work guidance for industrial teams. AI-powered incident reporting and field operations.

Dashboard



Incident Reports



Field Teams

AI Assistant

Python PostgreSQL LangChain OpenRouter Redis Celery React TypeScript Docker

VALUE DELIVERED

We built an AI-powered safety platform that automates incident reporting, toolbox talk preparation, and audit compilation. Field teams access safety guidance via natural language queries. The system returns time to prevention work and ensures 99.9% document traceability.

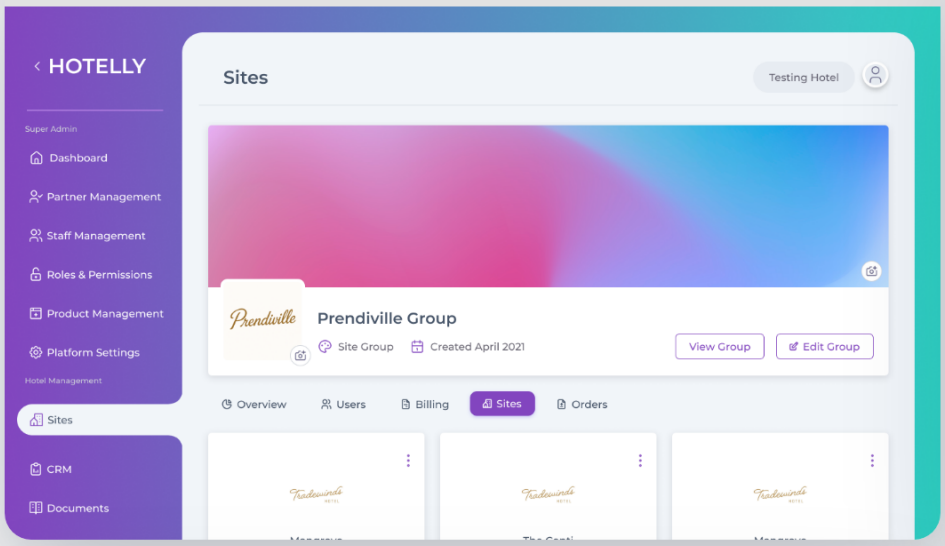
75%	87%	70%	99.9%	35-40%
FASTER INCIDENT REPORTING	FASTER TOOLBOX PREP	AUDIT TIME REDUCTION	DOCUMENT TRACEABILITY	ADMIN WORKLOAD RECLAIMED

PROJECT 06 HOSPITALITY · OPERATIONS

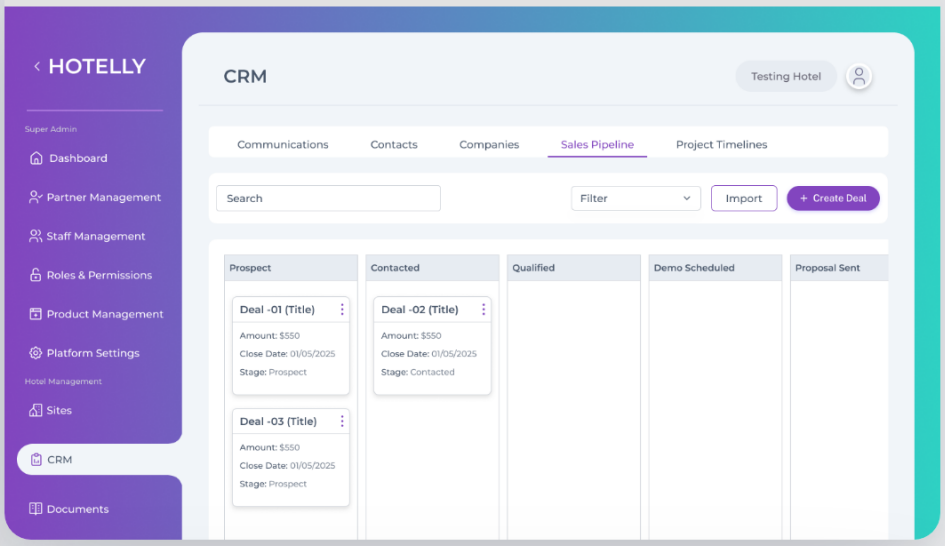
Hotelly

An all-in-one hotel operations management platform. From sales pipelines and site oversight to billing and task tracking, designed for multi-property hospitality teams.

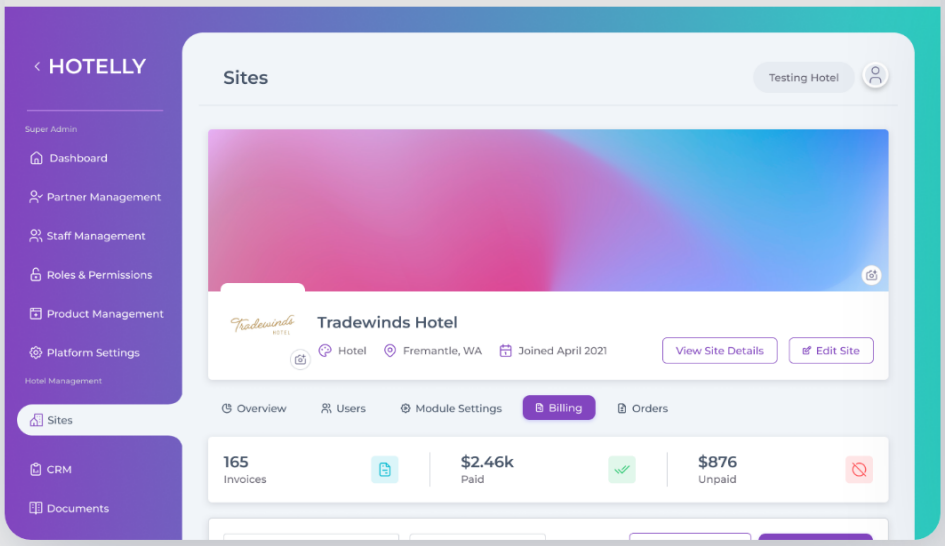
Sites Overview



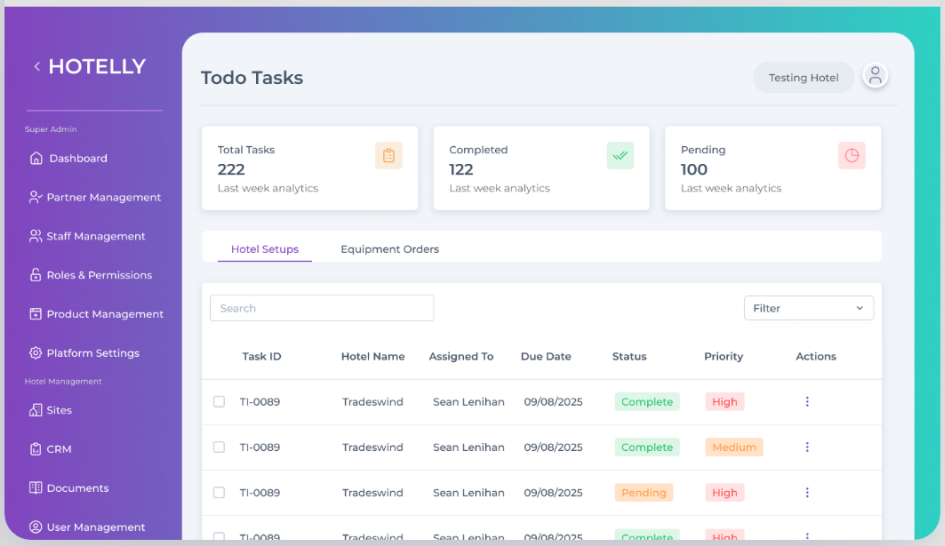
CRM Pipeline



Billing



Task Tracking



Next.js · React · TypeScript · NestJS · Prisma · PostgreSQL · Redis · AWS · Docker · Stripe

VALUE DELIVERED

We built a unified hotel operations platform that consolidates CRM, billing, task tracking, and site management into one system. Multi-property teams gain real-time visibility across all locations, automated billing reconciliation, and a single pipeline for sales and operations.

3-4 hrs
WEEKLY RECONCILIATION SAVED

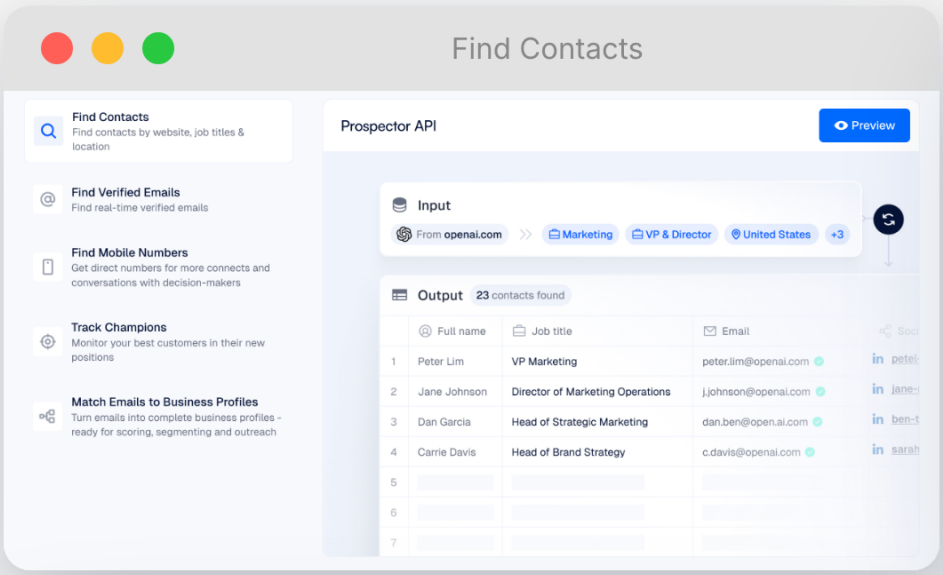
60%+
LEAD CAPTURE IMPROVEMENT

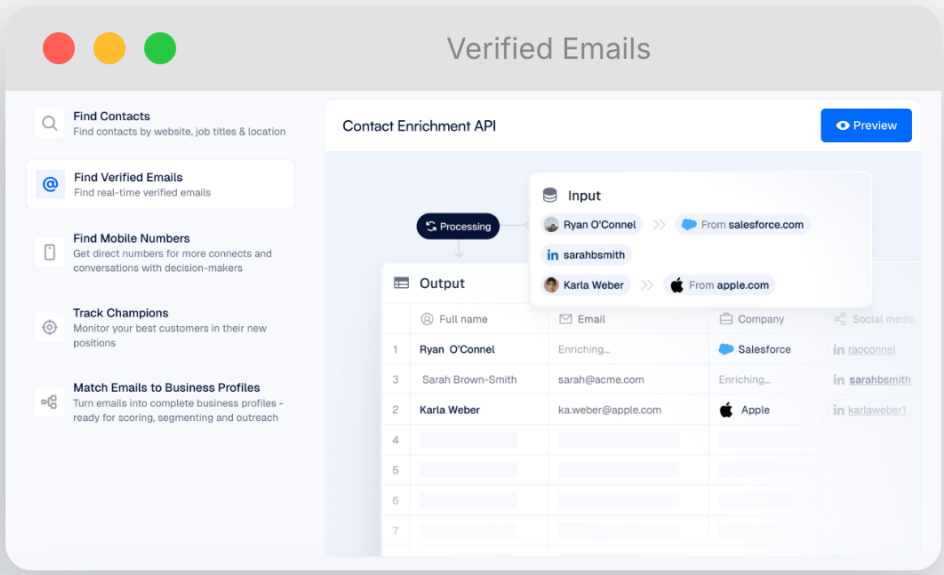
Real-time
CROSS-PROPERTY VISIBILITY

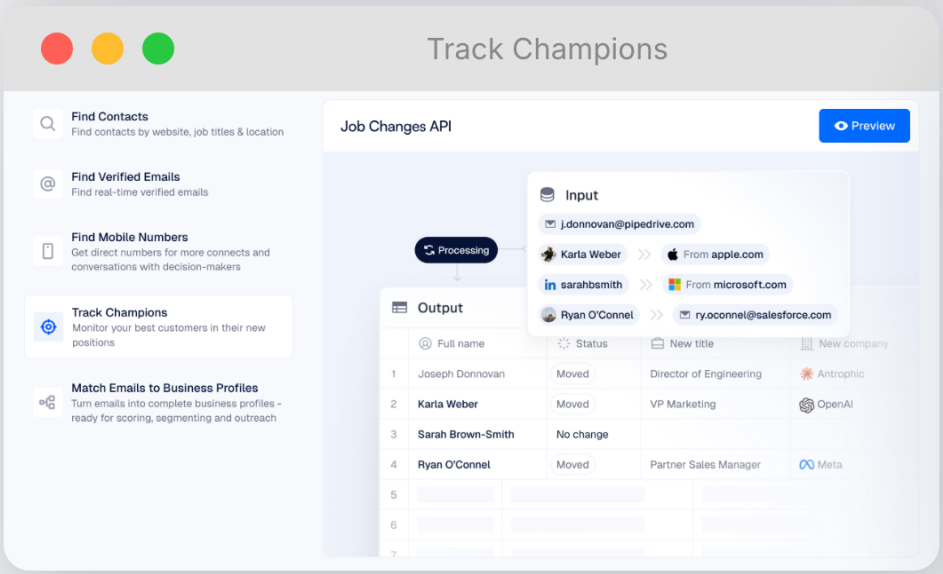
PROJECT 07 B2B DATA · SAAS

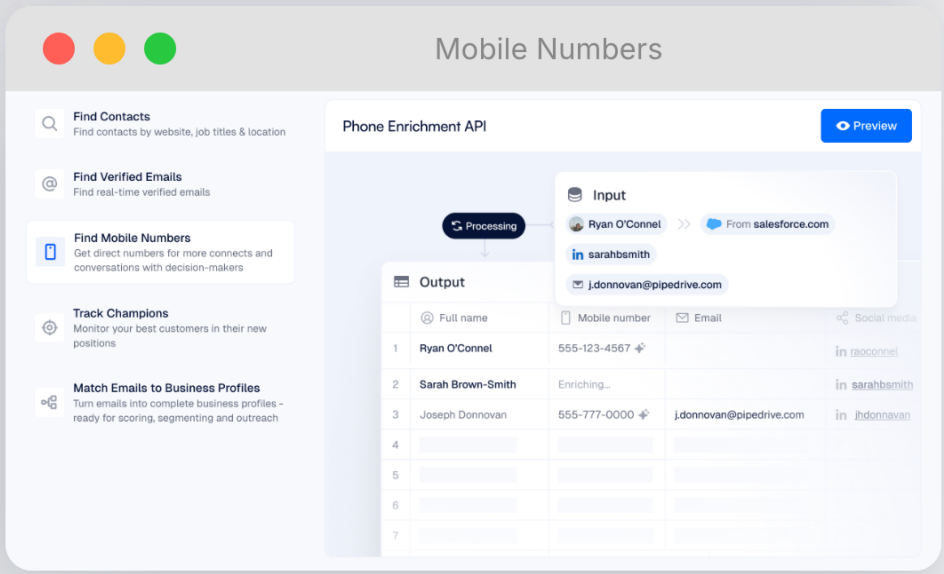
Waterfall

A unified go-to-market data platform that aggregates 30+ enrichment sources into a single API. Built for revenue teams who need accurate, complete, and continuously updated B2B contact intelligence at scale.









Python PostgreSQL AWS Docker AWS Lambda ECS S3 GDPR

VALUE DELIVERED

We delivered a unified go-to-market data platform that aggregates 30+ enrichment sources into a single API. Revenue teams get accurate, continuously updated B2B contact intelligence without managing multiple vendor contracts or dealing with stale data.

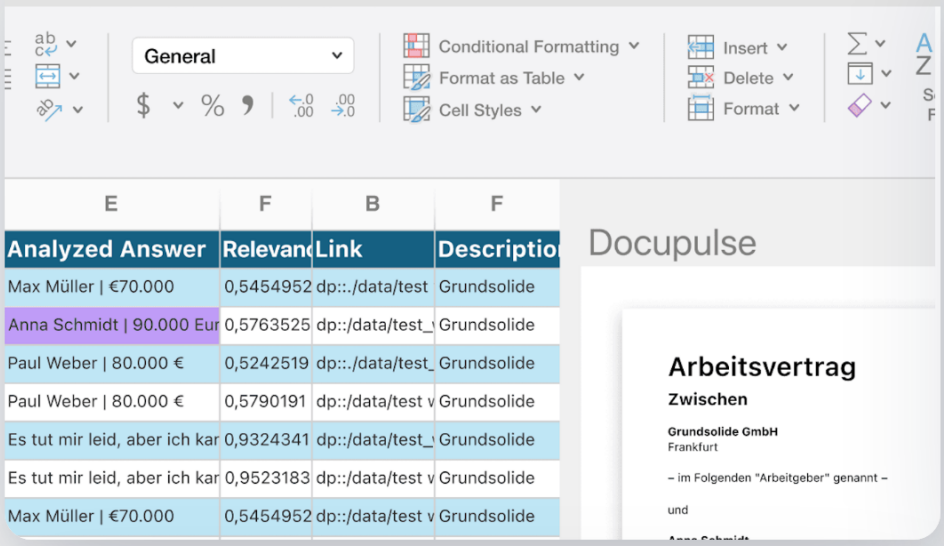
30+	1 API	3-4 days	Live
DATA SOURCES UNIFIED	SINGLE INTEGRATION POINT	INTEGRATION TIME	DATA VERIFICATION

PROJECT 08 DOCUMENT INTELLIGENCE · FINTECH

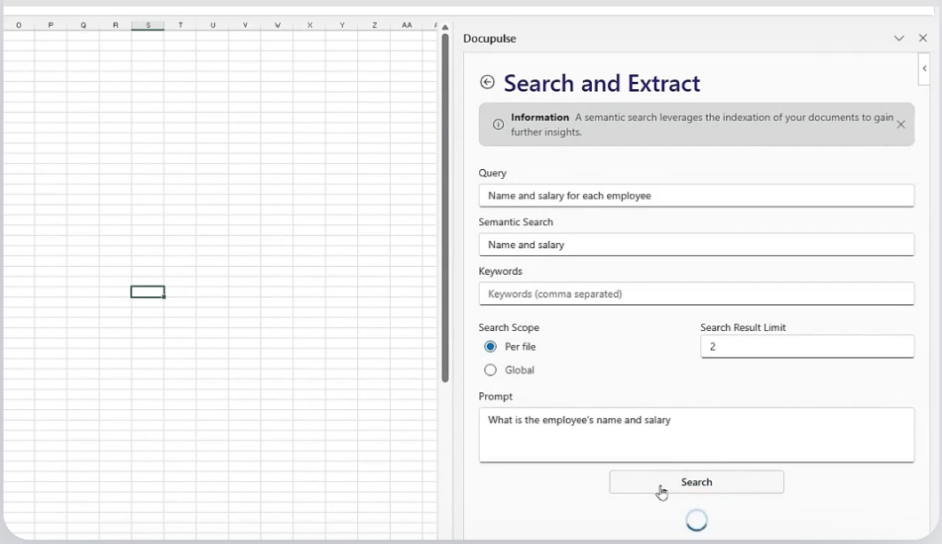
DocuPulse

AI-powered document intelligence inside Excel. PDF viewing, semantic search, intelligent extraction, and live cross-referencing for finance, audit, and compliance teams.

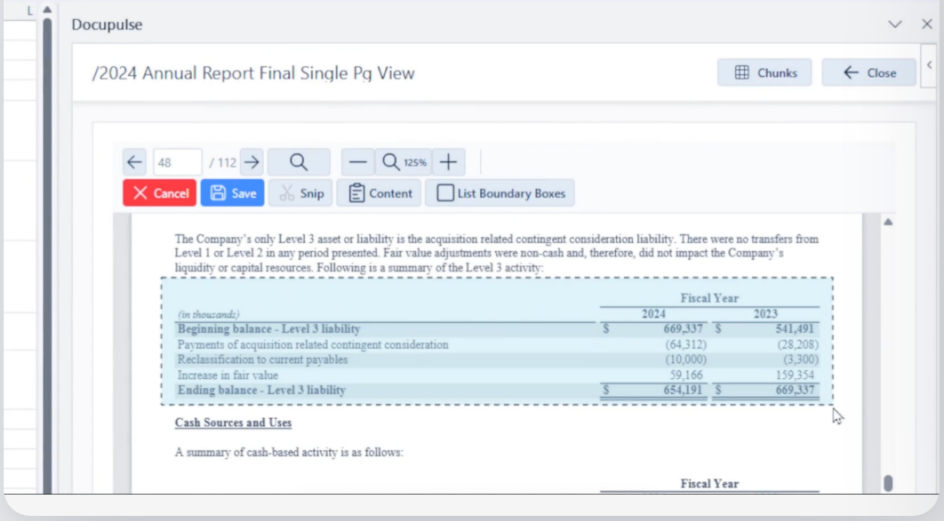
Sheet with Reference



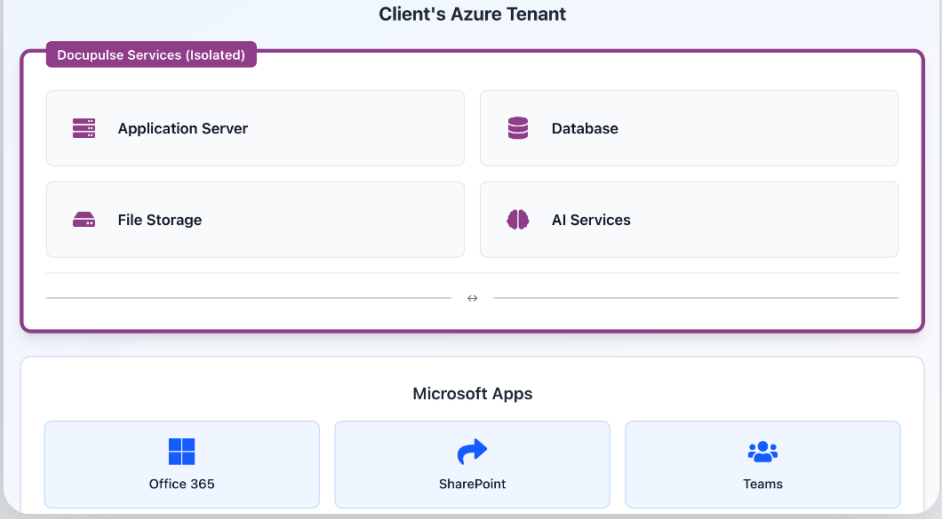
Semantic Search



PDF Extraction



Azure Integration



React · Node.js · TypeScript · AWS · ElasticSearch · PostgreSQL · Docker

VALUE DELIVERED

We built AI-powered document intelligence inside Excel that enables PDF viewing, semantic search, intelligent extraction, and live cross-referencing. Finance and audit teams verify data without switching between applications, cutting document processing time and improving accuracy.

60-80%
PROCESSING TIME REDUCED

3-4 hrs
WEEKLY SEARCH TIME SAVED

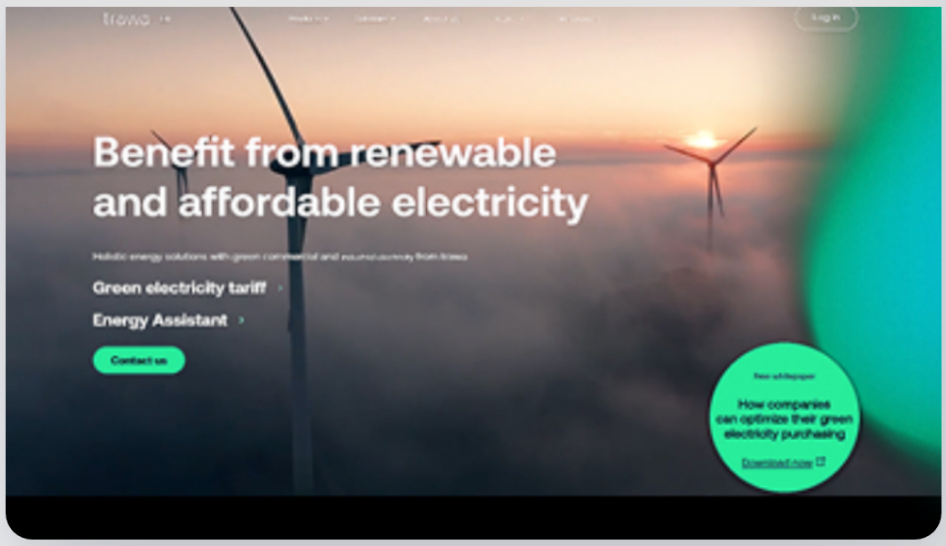
95%+
EXTRACTION ACCURACY

PROJECT 09 ENERGY · SAAS

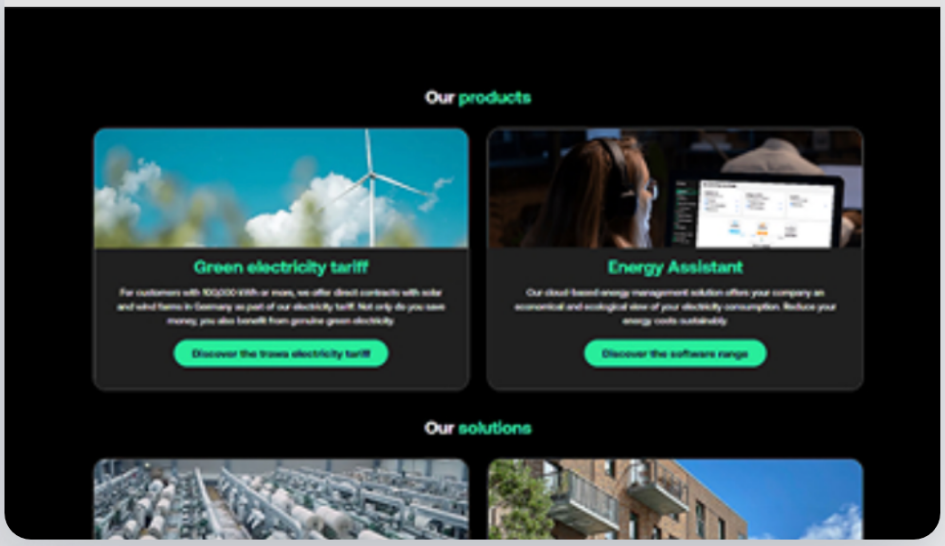
Trawa

Intelligent energy procurement and consumption analytics for businesses. Transparent pricing, real-time monitoring, and cost optimization without capital expenditure.

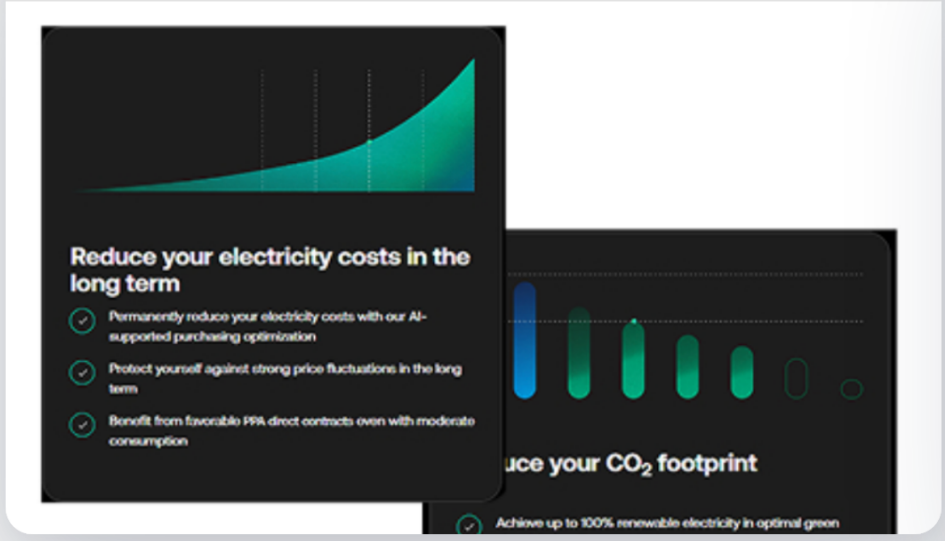
Landing Page



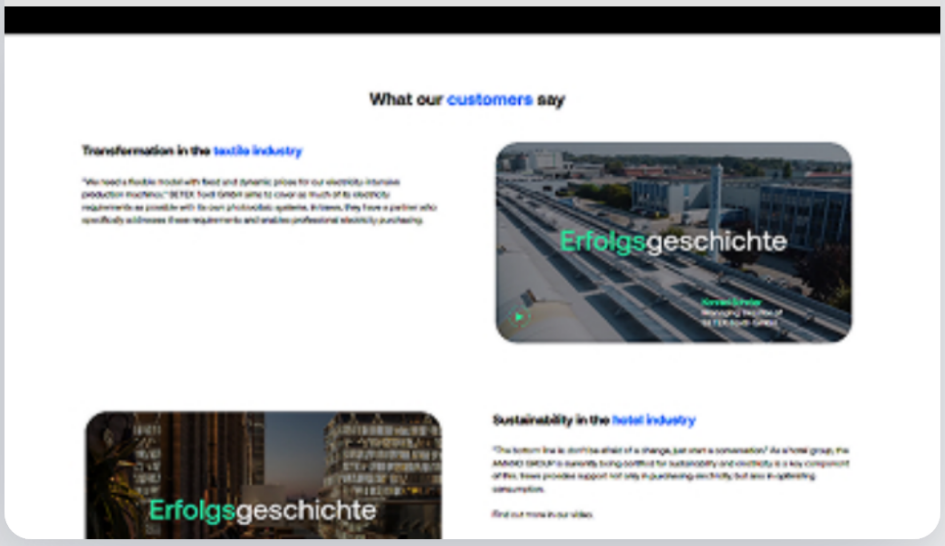
Products



Carbon Footprint



Customer Testimonials



React · Node.js · TypeScript · Python · AWS IoT · MQTT · D3 · PostgreSQL · TimescaleDB · Docker

VALUE DELIVERED

We built an intelligent energy procurement platform that delivers transparent pricing, real-time consumption monitoring, and automated cost optimization. Businesses reduce electricity costs by up to 30% without any capital expenditure, with final offers delivered within 60 minutes.

30%
ANNUAL COST REDUCTION

60 min
TO FINAL OFFER

PROJECT 10 · MENTAL HEALTH · HEALTHCARE

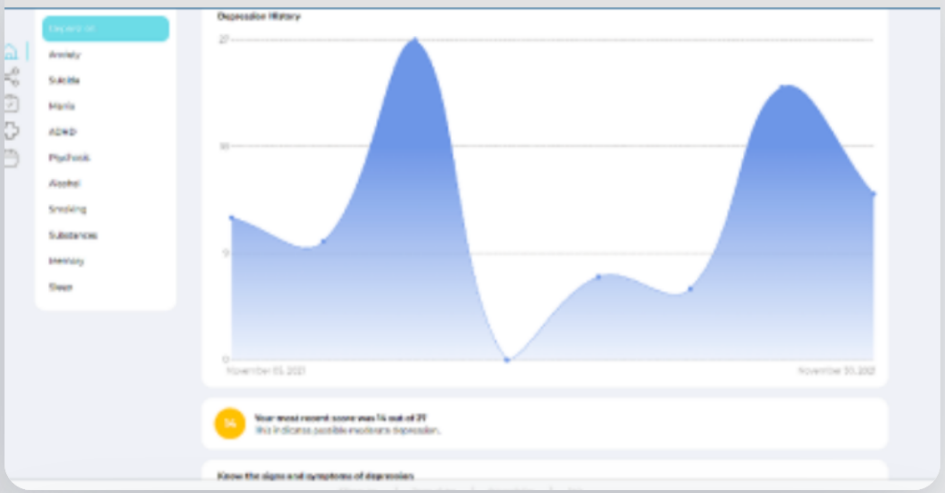
Ellipsas

Measurement-Based Care for Mental Health. A platform for clinicians to track patient outcomes, schedule appointments, and manage treatment plans with data-driven insights.

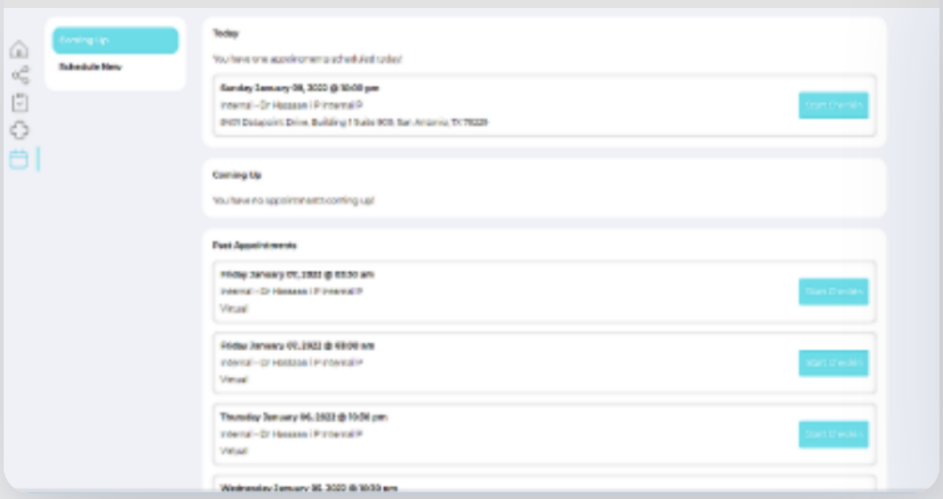
Dashboard



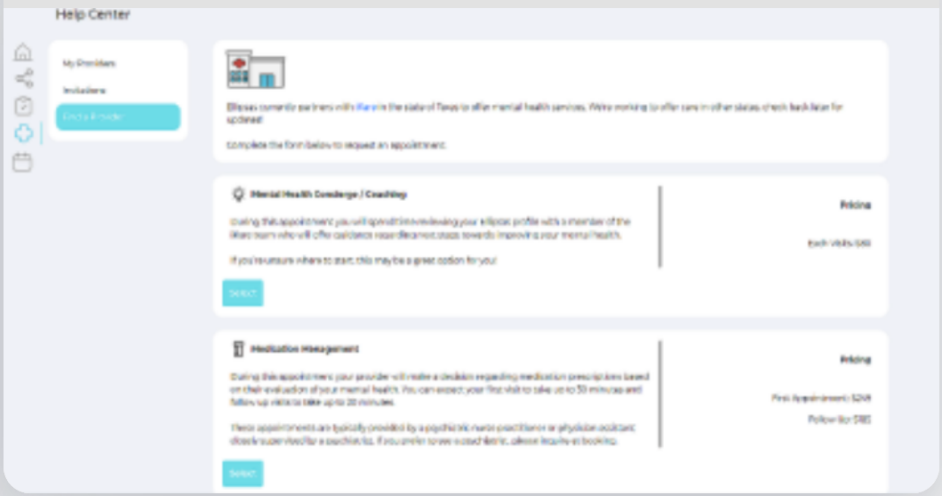
Charts



Schedules



Help Center



React · Node.js · TypeScript · WebRTC · AWS · PostgreSQL · Docker · HIPAA

VALUE DELIVERED

We built a measurement-based care platform that enables clinicians to track patient outcomes, schedule appointments, and manage treatment plans with data-driven insights. Video-based delivery removes geographic barriers while automated progress tracking identifies at-risk patients before crisis.

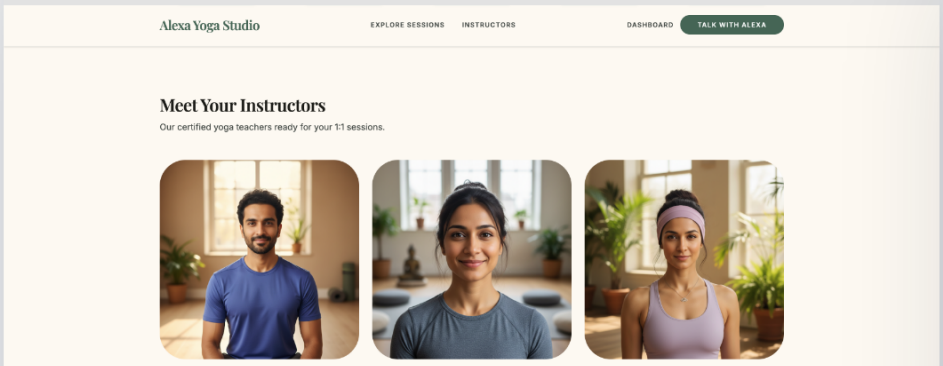
~24%	67%	3.6 Weeks	17.9%
DEPRESSION/ANXIETY IMPROVEMENT	DETERIORATION REDUCTION	FASTER RESPONSE	LOWER ED ADMISSIONS

PROJECT 11 FITNESS · VOICE AI

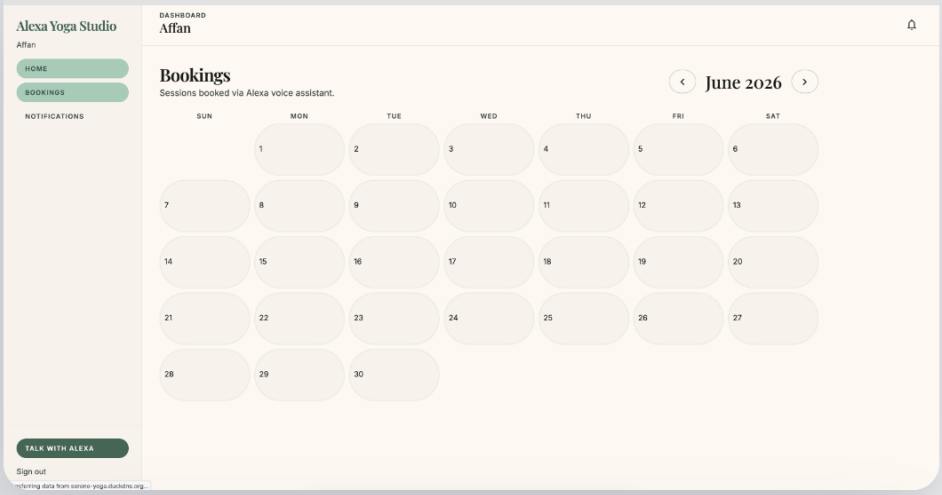
Serene Yoga

An Alexa-style voice AI that transforms how yoga studios handle bookings, scheduling, and client communications. Hands-free studio management.

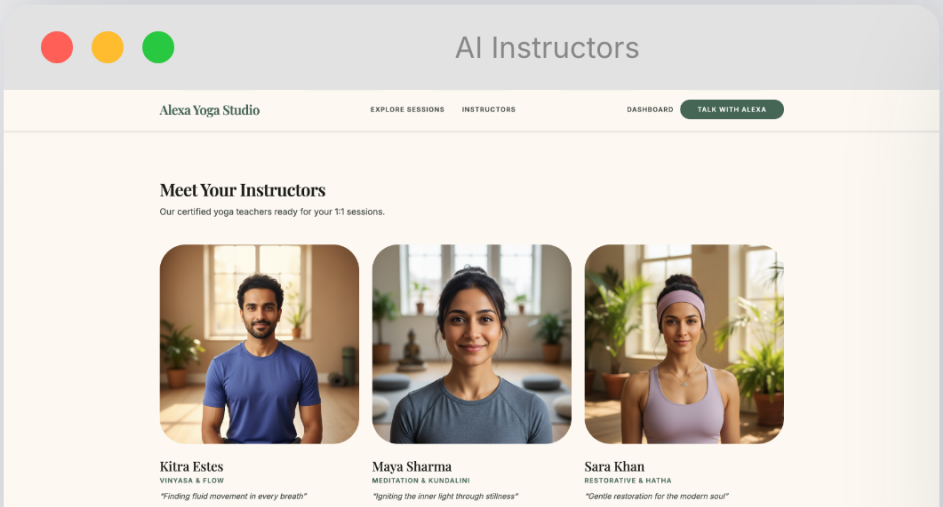
AI Instructors



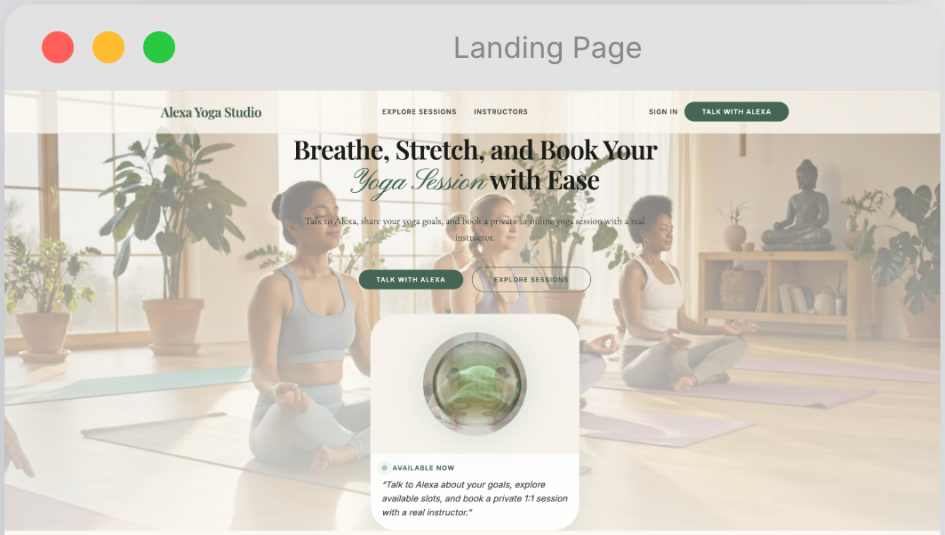
Bookings Calendar



AI Instructors



Landing Page



Python · FastAPI · PostgreSQL · OpenRouter · LiveKit · Deepgram · React.js · TypeScript

VALUE DELIVERED

We delivered an Alexa-style voice AI that handles bookings, rescheduling, and class inquiries automatically. Studios capture after-hours revenue, reduce no-shows with automated reminders, and free staff to focus on teaching instead of administrative phone calls.

24/7	15-20%	3-4 hrs
BOOKING AVAILABILITY	AFTER-HOURS REVENUE CAPTURED	DAILY ADMIN TIME SAVED

OUR STACK

Technologies We Use

We select technologies based on the problem, not the hype. Our stack is proven, production-tested, and aligned with the best engineering practices.

FRONTEND

React · Next.js · TypeScript · Tailwind · Vite

BACKEND

Node.js · NestJS · Python · Django · FastAPI · Bun · Socket.io

DATABASES & STORAGE

PostgreSQL · MySQL · Redis · pgVector · ElastiCache · Aurora · RDS · S3 · Prisma · TypeORM · SQLAlchemy

CLOUD & INFRASTRUCTURE

AWS · Cloudflare · Docker · Lambda · ECS · API Gateway · VPC · Terraform · Nginx

AI & MACHINE LEARNING

Bedrock · LangChain · Claude · Claude · Mistral · Deepgram · ElevenLabs · Voyage · Tesseract · Tavily · Cloud Vision · SageMaker · Rekognition · Kendra · LiveKit · MCP

DEVOPS & CI/CD

GitHub Actions · CodePipeline · CodeBuild · SonarQube · Sentry · CloudWatch

SECURITY & MONITORING

KMS · WAF · ACM · IAM

INTEGRATIONS

Stripe · Resend · Nodemailer · Twilio · WhatsApp · Slack · Zapier · DocuSign · Google Maps · QuickBooks · Cal.com · Pricing API

Divescale

Let's build something intelligent.

Whether you are integrating AI, migrating to the cloud, or building a product from zero, we have the engineering depth to deliver.

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AI-FIRST ENGINEERING