



Lookupitsolutions

Driving Innovation Through
Code and Intelligence.

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About Us

“

Who We Are ?

Lookup IT Solutions is your technology partner for custom software, intelligent systems, and scalable digital platforms. We help businesses build tools that drive growth — with sharp code, sleek design, and smart AI integration.

”

About Us



Mission

To deliver future-ready digital solutions that solve today's business challenges.



Vision

To empower businesses with intelligent, scalable, and secure technology ecosystems.



Values

Precision, speed, transparency, and innovation at every step.





We specialize in applying Artificial Intelligence to real-world problems.

AI Solutions

Build Smarter with AI

1

Predictive Analytics

Smarter decision-making with data.

2

NLP & Chatbots

Automate support, extract insights, and engage users.

3

Computer Vision

Image recognition, OCR, and more.

4

Custom AI Tools

Built from scratch for your business.

What sets us apart: We don't use off-the-shelf models. We tailor, train, and optimize AI for your goals.

MOBILE APP DEVELOPMENT

Seamless apps, Real Users, Real Impact

From MVPs to enterprise-scale mobile apps



iOS & Android Native

One App, Endless Possibilities
For iOS & Android.



UX-first approach

Because Every Great App Begins
with Great UX.



Flutter / React Native for cross-platform

Build Once, Run Everywhere –
iOS & Android Made Simple.



Robust architecture, real-time sync, and scalable backends

Future-Ready Apps with Real-Time
Performance & Scalable Backends.





WEB DEVELOPMENT

Your Website is your platform. Make it Count

We build modern, responsive, fast websites and platform



Modern Frontend Frameworks

React, Vue, Angular



Component-Based Architecture

For maintainability and scalability



Pixel-Perfect UI

Designed for usability, clarity, and performance



Next.js

A powerful React framework for building fast and modern web applications.



Responsive Design

Mobile-first, fully adaptive layouts



Accessible and Clean Code

WCAG-compliant, standards-driven

Plus We build platforms that Perform

We design and develop modern, responsive, and high-performance websites that deliver seamless user experiences and adapt effortlessly across all devices.



CMS Solutions

WordPress, Headless CMS,
Custom CMS



E-Commerce:

Fast, secure, conversion-ready
storefronts



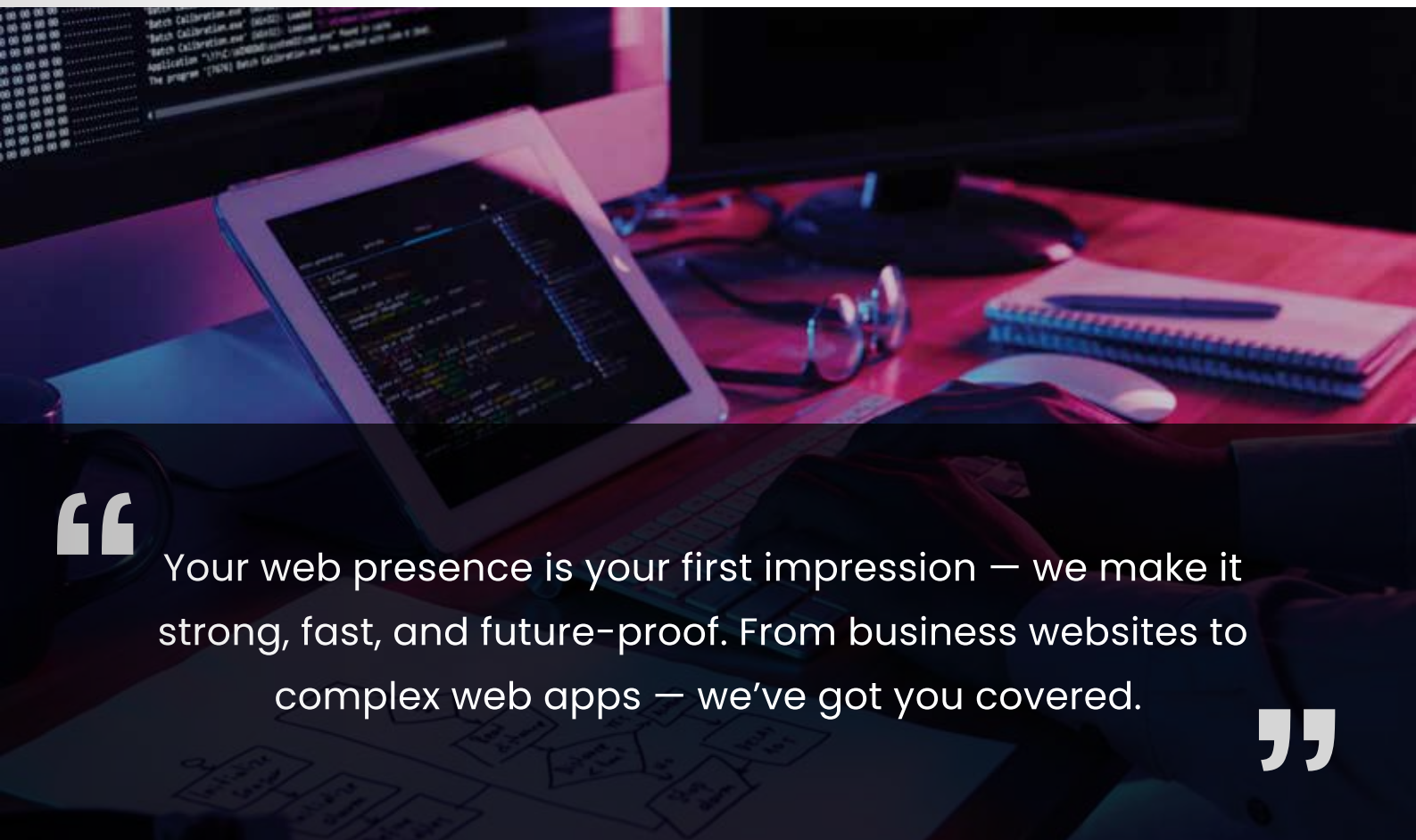
SaaS Platforms

From dashboards to full user
portals

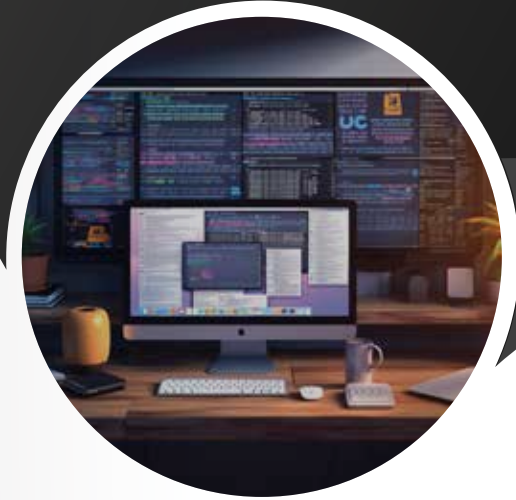


SEO & Performance Optimizations

Core Web Vitals, page speed,
metadata, and more



“Your web presence is your first impression — we make it strong, fast, and future-proof. From business websites to complex web apps — we’ve got you covered.”



BACKEND DEVELOPMENT

The Engine behind Everything

Strong, scalable, and flexible APIs & databases.



Node.js – Lightweight,
event-driven architecture



API Development &
Integration



.NET – Enterprise-grade
systems and integrations



Database Design (SQL, MongoDB,
PostgreSQL)



Authentication, Authorization,
Data Security

OFFSHORE DEVELOPMENT

Dedicated Resource Deployment

At LookupItSolutions, we specialize in offering dedicated offshore development resources that integrate seamlessly into your project teams. Our engagement models are flexible — you can choose between Hourly and Monthly hiring options based on your project's complexity, duration, and budget.

Whether you need a single developer or an entire team, our experts become an extension of your in-house staff, working exclusively on your tasks and following your preferred workflows and tools.

Why Choose Our Offshore Development Model?

Dedicated Focus

Resources work exclusively on your project for maximum efficiency.

Cost Efficiency

Cut costs without compromising on quality.

Expert Talent

Access skilled developers, designers, and testers.

Flexible Engagement

Hire hourly or monthly with no long-term commitments.

Transparent Communication

Get clear updates and seamless collaboration.

Key Advantage

Project Management is absolutely free — our expert team handles coordination, progress tracking, and communication, so you can focus on core business while we ensure smooth project execution.

SERVER & INFRASTRUCTURE

Infrastructure that Performs

Cloud-ready, secure, and performance-optimized hosting.



Cloud Deployments
(AWS, Azure, GCP)

Server Management &
Monitoring



DevOps & CI/CD Pipeline
Setup

Docker, Kubernetes, Load
Balancing, SSL, Firewalls



Backup, Recovery, and
Security Audits

Case Study: AIRI

AIRI is an AI-powered platform for architectural visualization, creating high-quality images and videos. It integrates in-house models, external tools, and RAG technology for a seamless creative workflow.

Challenges

AIRI used ComfyUI with custom models and tools like MidJourney and Kling for high-quality visuals. Powered by Qdrant and MCP, the AIRI Assistant enhanced user guidance, while MySQL, MongoDB, and Redis streamlined data and task management with improved collaboration and performance.

Technology Stack

AI & Models

- ComfyUI (in-house trained on architectural images)
- MidJourney & Halio (External Image Generation)
- Kling (Video Generation)

Databases

- MySQL (User Database)
- MongoDB (Object/Metadata Storage)
- Qdrant (Vector Database for RAG)
- Redis (Caching & Queuing)

Frontend & Backend:

- Frontend: Angular / React (depending on interface)
- Backend: Node.js, MCP integration for tool calling

Infrastructure & Payments:

- AWS Cloud Hosting
- Stripe & Alibaba Pay for payments
- Queuing system and caching performance

Conclusion

AIRI transforms architectural design with AI-powered visualization and collaboration, delivering fast, high-quality results that boost creativity and decision-making.

Case Study: HealthTile

The project tackled challenges in merging consumer and clinical wearables by integrating medical-grade sensors with AI analytics for accurate, real-time health insights. A Flutter app using BLE Plus enabled reliable data collection for decentralized trials, while the AI engine detected conditions like stress, fatigue, and migraines.

Challenges

Built with HIPAA compliance, the platform ensured secure data handling through encryption and controlled access. Using CQRS architecture, it achieved efficient data management and scalability for large physiological datasets.

Technology Stack

Mobile Application

- Framework: Flutter
- Connectivity: BLE Plus (for sensor integration and data transmission)

Frontend (Web)

- Framework: React 18
- Build System: React Scripts (CRA 5)

Backend

- Language: C#
- Framework: .NET
- Database: MySQL
- Architecture: Monolithic with CQRS for optimized database performance

Conclusion

HealthTile represents a significant advancement in clinical-grade wearable innovation, combining AI, real-time physiological tracking, and secure data architecture.

Case Study: Bharathexim

Bharathexima is an AI-powered Document and Transaction Management Platform for export-import businesses. It automates document verification, transaction tracking, and compliance by analyzing email data and matching it with trade documents to ensure accuracy and efficiency.

Challenges

Bharathexima faced challenges in handling large trade documents, verifying transaction data across emails, and automating secure data extraction. Ensuring scalability and delivering a fast, responsive interface were also key priorities.

Technology Stack

Frontend

- Angular
- TypeScript
- RxJS

Backend

- Node.js (Microservice Architecture)
- MongoDB (Database)

AI & Automation

- AI-based Email Parsing
- Document Data Extraction and Validation
- Automated Transaction Comparison

Infrastructure

- AWS (Cloud Hosting, Storage, and Service Deployment)

Conclusion

Bharathexima streamlines export-import operations with AI-driven document automation and smart transaction verification for faster, error-free workflows.

Case Study: My AI Squad

My AI Squad is a next-generation Twin Agent AI Platform for individuals and enterprises. It enables intelligent, scalable interactions through roles like User, Enterprise, and Admin. Powered by conversational intelligence, it supports voice integration and knowledge retrieval. The platform redefines AI interaction with a unified, personalized ecosystem.

Challenges

My AI Squad overcame challenges in scalability, AI integration, and data security by using modular APIs, RAG with Langchain.js and Supabase, and voice features powered by Whisper, GPT, and Polly — all deployed securely on AWS with MongoDB.

Technology Stack

AI & Integration

- Langchain.js
- Supabase (Vector Database for RAG)
- OpenAI Whisper (Speech-to-Text)
- GPT-3.5-turbo (Conversational AI)
- Amazon Polly (Text-to-Speech)
- AWS S3 (Audio Storage)

Frontend

- React.js

Backend

- Node.js & Express.js
- MongoDB (Database)

Infrastructure & Deployment

- Docker for containerization
- AWS ECR & Lightsail Containers for deployment
- AWS Lightsail DNS for domain routing and management

Conclusion

My AI Squad unites AI communication, voice, and knowledge intelligence on AWS for secure, scalable, and smart user experiences.

Case Study: Saina Health

Saina Health, founded in 2019, is a health technology company dedicated to making quality healthcare accessible and affordable through innovation. It offers solutions such as electronic health records, telemedicine, and health information exchange, along with analytics and insights to improve healthcare efficiency and outcomes.

Challenges

Saina Health addresses major healthcare challenges such as limited access to medical services, fragmented care systems, and high medical costs. Its innovative tech solutions improve collaboration, streamline data management, and enhance patient outcomes across the healthcare ecosystem.

Technology Stack

Frontend

- HTML5
- Angular

Backend

- ASP.Net
- MVC framework4.5

Databases

- MySQL (User Database)

Mobile App

- IOS
- Android

Conclusion

Saina Health is transforming healthcare through technology-driven solutions that enhance accessibility, efficiency, and care quality. By integrating data, telemedicine, and analytics, it empowers providers to deliver better outcomes at lower costs.

Case Study: Smart Search

Smart Search, Inc., founded in 1986 in Tustin, California, offers cloud-based recruitment software that automates hiring and integrates with job boards and social media for efficient, cost-effective talent acquisition.

Challenges

Smart Search tackles recruitment challenges like high costs and inefficient hiring through AI-driven resume screening, streamlined process management, and broad candidate reach via job boards and social media integration.

Technology Stack

Frontend

- CSS5
- HTML5
- JavaScript Ajax

Databases

- MySQL Server

Backend

- .net Core
- Microservice
- RestAPI

Hosting

- AWS Cloud

Conclusion

Smart Search revolutionizes recruitment by combining automation, AI, and cloud technology to simplify hiring. It enhances efficiency & improves candidate quality. The platform empowers businesses to build stronger teams with ease and precision.

Case Study: Mediakind

MediaKind is a global leader in media technology, empowering broadcasters and service providers to deliver immersive media experiences. Its end-to-end solutions include award-winning video compression, cloud DVR, and personalized content delivery. The company drives innovation in video distribution and streaming worldwide.

Challenges

MediaKind empowers media companies to deliver quality, personalized content while managing monetization and piracy. Its end-to-end platform enhances engagement and efficiency across all channels.

Technology Stack

Frontend

- CSS5
- HTML5
- React.js

Databases

- MySQL Server

Hosting

- Internal Cloud

Backend

- Node.js
- RestAPI

Digital Marketing

- Hubspot
- Zapier

Conclusion

Mediakind is transforming the media industry by enabling seamless content delivery, secure management, and personalized viewer experiences, helping media companies stay competitive in the digital era.

Case Study: Bravo Electro

Founded in 1993, Bravo Electro is a trusted manufacturer of power supplies, LED lights, and electronic modules. It serves businesses of all sizes with high-quality, competitively priced products. Backed by a skilled team, the company is known for its exceptional customer service and reliability.

Challenges

Bravo Electro tackled challenges like high competition, costs, and supply chain issues through innovation and efficiency. It focused on R&D to create unique products, optimized costs through better supplier contracts, and maintained strict quality control. Strong supply chain management ensured timely delivery and reliability.

Technology Stack

Frontend

➤ Magento

Backend

➤ Magento

Databases

➤ MySQL Server

Hosting

➤ Aws Cloud

Conclusion

Bravo Electro continues to strengthen its position in the electronics industry through innovation, quality, and efficiency. Its focus on cost optimization and reliable supply chains ensures customer satisfaction.

Case Study: Pisti.io

Pistis.io is a blockchain platform that lets users design, test, and issue digital certificates like property deeds and credentials. It offers free tools, including Pistis ID, certificate verification, and smart contract templates to support business growth.

Challenges

Pistis.io addresses challenges in blockchain accessibility and digital credentialing. It offers free tools for certificate design, bulk issuance, and verification, along with import functionality for easy integration. The platform ensures secure, universal access to blockchain-based certification services.

Technology Stack

Frontend

➤ Angular.js

Backend

➤ Node.js

➤ Express.js

Databases

➤ MySQL Server

Smart Contracts

➤ Solidity Language

Blockchain Network

➤ Ethereum

Conclusion

Pistis.io is revolutionizing digital certification by making blockchain accessible, secure, and easy to use. Its free tools empower individuals and organizations to create, verify, and manage certificates efficiently on a trusted platform.

Why Choose Us

We build like partners, deliver like Pros

Choosing LookupitSolutions means choosing a partner who goes beyond delivery.

We focus on creating measurable business impact and long-term growth.

1

Custom-built, never cookie-cutter

2

Scalable from day one

3

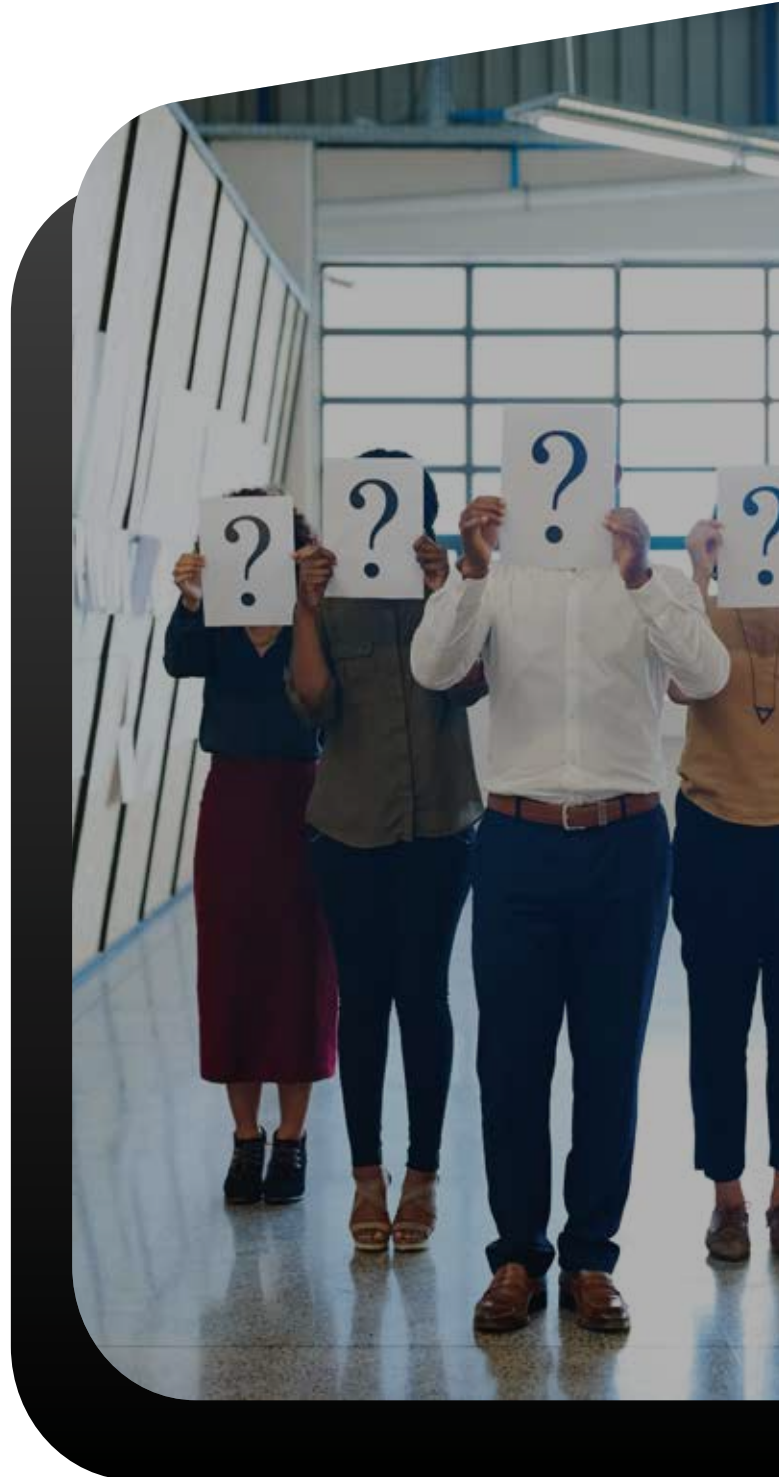
AI-integrated when it matters

4

Transparent communication

5

Fast turnarounds, no shortcuts



Our Clients

Trusted by brands That move fast



Intellicampus

PUMPKART

ΔIRI lab.



YOYNEAK

infyni



HexaHash
TECHNOLOGIES



AMUSEMENT
CONNECT

CSI



SCHOOL
IOX
CREATED BY INDUS



HIFIMAN

Our Clients

Trusted by brands That move fast





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We'd love to hear from you. Let's explore what we can build — together.



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