



CODXPERTS

Software & AI Engineering

Company Portfolio · 2026

20,000+

Platform users

Lahore, Pakistan · Building globally

5+

Institutional clients

6+

Domains shipped

3

Tech programs

WHO WE ARE

A software firm that ships its own products.

Codxperts isn't an agency that learned to build by billing hours. **We're product builders first.** We built DigiLawyer ourselves, took it to 20,000+ users, and shipped it into institutions that don't tolerate software that breaks.

We bring that same engineering to client work, across legal, travel, healthcare, and commerce. **Based in Lahore. Building for teams worldwide.**

VC

Investor-backed

Institutional investment

2026

Google grant recipient

\$75K cloud + AI credits

2024

Shark Tank Pakistan

Televised investment round

GROUP

DevBazar

Recruitment & talent

CLIENTS

Trusted across the public and private sector.

GOVERNMENT & REGULATORS

Drug Regulatory Authority of Pakistan (DRAP)

Advocate General Office Punjab

Advocate General Office Sindh

Power Planning

LAW ENFORCEMENT

Sindh Police

JUDICIARY

Sindh High Court

Peshawar High Court

LAW FIRMS

AUC Law

ABS & Co

Zafar Kalanauri & Co

Backed by the infrastructure we build on.



Google for Startups

Cloud Program

Selected for Google's program for high-growth startups. Cloud and AI infrastructure backing our build.



Claude Partner Network

Anthropic

Building production AI on Anthropic's Claude models as a recognized partner.



NVIDIA Inception

NVIDIA

Member of NVIDIA's global program for AI startups with compute and technical support.

CAPABILITIES

Full-stack software, applied AI, and the hard parts in between.

// applied-ai

Applied AI & LLM Systems

RAG, agents, domain copilots, evals, and fine-tuning.
Shipped into precision-critical domains.

RAG · Agents · Evals · Fine-tuning

// product

Product Engineering

Full-stack from first commit to thousands of users. Clean architecture, real design systems.

Next.js · FastAPI · NestJS · TypeScript

// data

Data, Search & Automation

ETL pipelines, document corpora, citation graphs, scraping, and multi-source integrations.

Pipelines · Search · Scraping · Integrations

// platforms

Aggregators & Marketplaces

Multi-source platforms querying, normalizing, and unifying APIs with full admin tooling.

API aggregation · Admin panels · Supabase

FLAGSHIP PRODUCT · LEGAL AI

DigiLawyer

Pakistan's first AI legal research platform. Built from zero by the Codxperts team.

20,000+

Users

52

Journals indexed

3+

Partners

Pakistan's legal record was scattered, unsearchable, and locked in PDFs. **We built the platform that makes it usable.** DigiLawyer indexes 52 legal journals into a connected research system with citation intelligence, judgment search, and two AI assistants: Ark AI for research and Mike AI for drafting.

Backed by Zayn VC, awarded a \$75K Google grant, featured on Shark Tank Pakistan.

Stack

Next.js

tRPC

TypeScript

PostHog

Partners

Sindh High Court

Peshawar High Court

Sindh Police

AG offices

DRAP

Tracksure Connect

Flight Aggregator for South Asian Regional Airlines · Sep – Oct 2025

Smaller South Asian airlines don't appear on mainstream booking platforms. **Tracksure Connect is a flight search and booking engine built specifically for them.**

It queries multiple airline APIs concurrently with asynchronous calls, normalizes and aggregates the results, applies admin-defined pricing and filtering rules, and returns one unified search experience.

Includes a full admin panel for reporting and rule management. Deployed on Vercel.

Stack: FastAPI · Next.js · Supabase · Vercel

Async

concurrent airline API calls

Unified

one search, many carriers

Rules

admin pricing + filtering

Deployed

live on Vercel

MyContract

AI-Assisted Contract Intelligence · Nov 2024 – Mar 2025

An AI-powered platform for contract generation, review, and compliance checking against government and organizational regulations.

Built on LLMs that parse legal language, flag non-compliant clauses, and generate draft contracts aligned to applicable codes. **It worked well enough that it was adopted into DigiLawyer's core product as the Mike AI Draft feature** — one of the few university projects that shipped into a production legal-tech platform.

Focus: Applied LLMs · Compliance · Document generation

LLM

Parses legal language

Compliance

Flags risky clauses

Drafts

Code-aligned contracts

Shipped

Became Mike AI Draft

MORE BUILDS

Additional work across the team.

2022

SecondBite — OC Store ETL

Full ETL and automation pipeline for an OpenCart store. Scrapes product data from multiple sources, cleans and normalizes, match-checks inventory, and syncs updates. Uses Google Sheets as client-facing control surface.

Python · Selenium · Pandas · Sheets API

2024

Graph-Based Text Classifier

Scrapes Medium articles across user-chosen topics via GraphQL, converts to graph structures, runs network analysis including spanning trees and centrality metrics, visualizes with Gravis.

NLP · Graph theory · GraphQL · Gravis

THE TEAM

Our engineers have shipped at:

Kayak

Avetta

Orchid

Merit Incentives

Curriki

Arbisoft

Prior professional experience of team members – not Codxperts client projects.

Core roles

Danish Ghaffar — Founder & CEO

Safee — CTO & Co-founder

Talha — Search & Backend

Ahmad — Frontend

Hammad — Analytics & Growth

Atabic Umer — PM



Have something hard to build?

Tell us what you're building and where it's stuck.

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